Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

MAY 16 1935
U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL ECONOMICS

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 214

Washington, D. C. April 1935

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1934–35

OFFICE OF EXPERIMENT STATIONS

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 214

Washington, D. C. April 1935

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

✦

1934–35

✦

By MARY A. AGNEW
Office of Experiment Stations

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1935

For sale by the Superintendent of Documents, Washington, D. C. - - - - - - - - - - Price 10 cents

OFFICE OF EXPERIMENT STATIONS

JAMES T. JARDINE, Chief

ADMINISTRATIVE AND ADVISORY RELATIONS WITH THE STATE EXPERIMENT STATIONS

JAMES T. JARDINE, H. P. BARSS, W. H. BEAL, G. HAINES, F. G. HARDEN, H. W. MARSTON, J. I. SCHULTE, SYBIL L. SMITH, H. M. STEECE, R. W. TRULLINGER, J. W. WELLINGTON, B. YOUNGBLOOD

DIVISION OF INSULAR STATIONS

JAMES T. JARDINE, Chief

Hawaii: J. M. WESTGATE, Director
Puerto Rico: ATHERTON LEE, Director

EXPERIMENT STATION RECORD

HOWARD LAWTON KNIGHT, Editor

Agricultural and Biological Chemistry—H. C. WATERMAN, SYBIL L. SMITH.
Agricultural Meteorology—W. H. BEAL.
Soils and Fertilizers—H. C. WATERMAN.
Agricultural Botany, Diseases of Plants.—H. P. BARSS.
Genetics.—H. M. STEECE, J. W. WELLINGTON, G. HAINES.
Field Crops—H. M. STEECE.
Horticulture and Forestry—J. W. WELLINGTON.
Economic Zoology and Entomology, Veterinary Medicine—W. A. HOOKER.
Animal Husbandry, Dairying, and Dairy Farming—H. W. MARSTON.
Agricultural Engineering—R. W. TRULLINGER.
Agricultural Economics—F. G. HARDEN, B. YOUNGBLOOD.
Rural Sociology—B. YOUNGBLOOD, F. G. HARDEN.
Agricultural and Home Economics Education—F. G. HARDEN.
Foods and Human Nutrition—SYBIL L. SMITH.
Textiles and Clothing—H. M. STEECE, SYBIL L. SMITH.
Home Management and Equipment— ——— ———.
Indexing—MARTHA C. GUNDLACH.
Cooperation with Biological Abstracts—F. V. RAND.

LIBRARY

(Affiliated with the Department of Agriculture Library and cooperating with the Extension Service)

CORA L. FELDKAMP, Librarian in Charge

OFFICERS OF THE ASSOCIATION OF LAND-GRANT COLLEGES AND UNIVERSITIES, NOVEMBER 1934

President: F. L. McVey, of Kentucky.
Vice President: J. G. Lipman, of New Jersey.
Secretary-Treasurer: T. P. Cooper, of Kentucky.
Executive Committee: The President, ex officio; R. A. Pearson, of Maryland, *chairman;* C. A. Lory, of Colorado; A. R. Mann, of New York; O. M. Leland, of Minnesota; and F. B. Mumford, of Missouri.

OFFICERS OF THE SECTIONS

Section of Agriculture: *Chairman,* J. G. Lipman, of New Jersey; *vice chairman,* O. B. Martin, of Texas; *secretary,* H. W. Mumford, of Illinois.

Subsection of Resident Teaching: Chairman, I. L. Baldwin, of Wisconsin; *secretary,* L. J. Horlacher, of Kentucky.

Subsection of Experiment Station Work: Chairman, Andrew Boss, of Minnesota; *secretary,* A. B. Conner, of Texas.

Subsection of Extension Work: Chairman, K. L. Hatch, of Wisconsin; *secretary,* J. C. Taylor, of Montana.

Section of Engineering: *Chairman,* Paul Cloke, of Maine; *secretary,* H. B. Dirks, of Michigan.

Section of Home Economics: *Chairman,* Wylle B. McNeal, of Minnesota; *secretary,* Alba Bales, of North Dakota.

STANDING COMMITTEES

Committee on College Organization and Policy: For 3 years, R. S. Shaw, of Michigan, and W. E. Clark, of Nevada; for 2 years, C. C. McCracken, of Connecticut, and A. G. Crane, of Wyoming; for 1 year, J. J. Tigert, of Florida, and J. A. Burruss, of Virginia, *acting chairman.*

Committee on Experiment Station Organization and Policy: For 3 years, H. W. Mumford, of Illinois, and F. D. Fromme, of West Virginia; for 2 years, J. T. Jardine, of Washington, D. C., and B. E. Gilbert, of Rhode Island; for 1 year, Chris L. Christensen, of Wisconsin, and E. A. Burnett, of Nebraska, *acting chairman.*

Subcommittee on Home Economics: For 3 years, Marie Dye, of Michigan, *chairman;* for 2 years, Sybil L. Smith, of Washington, D. C.; for 1 year, Margaret M. Justin, of Kansas.

Committee on Extension Organization and Policy: For 3 years, C. W. Creel, of Nevada, and I. O. Schaub, of North Carolina; for 2 years, R. K. Bliss, of Iowa, and O. B. Martin, of Texas, *acting chairman;* for 1 year, W. H. Brokaw, of Nebraska, and W. A. Munson, of Massachusetts.

Subcommittee on Home Economics: For 3 years, Mrs. Annette T. Herr, of Massachusetts, *chairman;* for 2 years, Mrs. Kathryn V. Burns, of Illinois; for 1 year, Mildred F. Horton, of Texas.

Committee on Instruction in Agriculture: For 3 years, W. C. Coffey, of Minnesota, and H. P. Baker, of Massachusetts; for 2 years, Dan T. Gray, of Arkansas, and E. J. Iddings, of Idaho; for 1 year, P. W. Chapman, of Georgia, and E. H. Shinn, of Washington, D. C., *chairman.*

Committee on Instruction in Engineering: For 3 years, A. G. Crane, of Wyoming, and R. L. Sackett, of Pennsylvania; for 2 years, M. L. Enger, of Illinois, and O. J. Ferguson, of Nebraska, *chairman;* for 1 year, C. Derleth, Jr., of California, and S. B. Earle, of South Carolina.

Committee on Instruction in Home Economics: For 3 years, Margaret S. Fedde, of Nebraska, and Genevieve Fisher, of Iowa; for 2 years, M. Marie Mount, of Maryland, and Jessie W. Harris, of Tennessee, *chairman;* for 1 year, Edith P. Chace, of Pennsylvania, and Mildred P. French, of Connecticut.

Committee on Military Organization and Policy: For 3 years, H. L. KENT, of New Mexico, and R. G. BRESSLER, of Rhode Island; for 2 years, T. O. WALTON, of Texas, and E. M. LEWIS, of New Hampshire; for 1 year, C. W. PUGSLEY, of South Dakota, and WALTER HULLIHEN, of Delaware, *chairman.*

Committee on Engineering Experiment Stations: For 3 years, E. B. NORRIS, of Virginia; for 2 years, A. A. POTTER, of Indiana; for 1 year, O. M. LELAND, of Minnesota, *chairman;* and *ex officio,* the Secretary of the Section of Engineering.

Special Committee on Radio: For 3 years, R. M. HUGHES, of Iowa, and H. J. C. UMBERGER, of Kansas, *chairman;* for 2 years, F. A. ANDERSON, of Colorado, and F. D. FROMME, of West Virginia; for 1 year, EDWARD BENNETT, of Wisconsin, and E. A. HITCHCOCK, of Ohio.

Special Committee on Aeronautics: For 3 years, O. M. LELAND, of Minnesota, and W. L. BEVAN, of Iowa; for 2 years, L. D. CRAIN, of Colorado, and R. H. SMITH, of Massachusetts; for one year, P. S. DONNELL, of Oklahoma, and E. O. HOLLAND, of Washington, *chairman.*

Special Committee on Land Problems: F. D. FARRELL, of Kansas, *chairman;* T. O. WALTON, of Texas; C. E. LADD, of New York; WILLIAM PETERSON, of Utah; H. W. MUMFORD, of Illinois; and J. A. BURRUSS, of Virginia.

Special Committee on Land-Grant Institutions for Negroes: For 3 years, J. D. HOSKINS, of Tennessee, *chairman;* for 2 years, W. C. JOHN, of Washington, D. C.; for 1 year, H. F. COTTERMAN, of Maryland.

JOINT COMMITTEES OF THE ASSOCIATION AND THE UNITED STATES DEPARTMENT OF AGRICULTURE

Committee on Projects and Correlation of Research: For 3 years, V. R. GARDNER, of Michigan; for 2 years, F. B. MUMFORD, of Missouri, *chairman;* for 1 year, A. R. MANN, of New York; with F. D. RICHEY, LEE A. STRONG, and JAMES T. JARDINE, of the United States Department of Agriculture.

Committee on Publication of Research: For 3 years, C. E. LADD, of New York; for 2 years, L. E. CALL, of Kansas; for 1 year, S. W. FLETCHER, of Pennsylvania, *chairman;* with F. L. CAMPBELL, J. W. ROBERTS, and H. G. KNIGHT, *chairman,* of the United States Department of Agriculture.

KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building, Buildings.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bull., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic, Economics, Economist.
Ed., Education.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufacturers.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization, Organizations.
Ornith., Ornithology, Ornithologist.
Parasitol., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P.O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech. Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

ALABAMA

Schools of Agriculture and Home Economics, and the Agricultural Experiment Station of the Alabama Polytechnic Institute, *Auburn*

* College faculty. † Station staff. ‡ Extension staff.

* J. J. Wilmore, B. M. E., M. E., LL. D.,
† B. H. Crenshaw, M. E., LL. D.,
‡ L. N. Duncan, M. S., LL. D.,
} *Admin. Committee.*
*† M. J. Funchess, M. S., *Dean School of Agr., Dir. of Sta.*
‡ L. N. Duncan, M. S., LL. D., *Dir. of Agr. Ext. Service.*

Agronomy and Soils:

*†J. W. Tidmore, Ph. D., *Head of Dept.*
†R. Y. Bailey, B. S., *Asst. Agron.*
†F. E. Bertram, B. S., *Asst. in Agron. (P. O., Prattville).*
†F. L. Davis,[1] M. A., *Soil Chem.*
*E. L. Lowder, B. S., *Instr. Agron.*
‡J. C. Lowery, B. S., *Ext. Agron.*
†E. L. Mayton, B. S., *Asst. in Agron.*
†J. A. Naftel, Ph. D., *Asst. Soil Chem.*
†J. W. Richardson, B. S., *Asst. in Agron. (P. O., Brewton).*
*†G. D. Scarseth, B. S., *Asst. Prof. Soils; Asst. Soil Chem.*
*†Anna L. Sommer, Ph. D., *Assoc. Prof. Soils; Assoc. Soil Chem.*
*†D. G. Sturkie, Ph. D., *Asst. Prof. and Asst. Agron.*
†J. R. Taylor, B. S., *Asst. in Agron.*
†H. B. Tisdale, M. S., *Assoc. Plant Breeder.*
†J. T. Williamson, B. S., *Assoc. Agron.*

Animal Industry:

*†J. C. Grimes, M. S., *Head of Dept.*
*A. D. Burke, M. S., *Prof. Dairying.*
*†G. A. Trollope,[2] B. S., *Prof. Poultry Husb.; Poultryman.*
‡H. R. Bailey, B. S., *Poultry Specialist.*
‡F. W. Burns, M. S., *Livestock Specialist.*
*†G. J. Cottier, M. A., *Instr. and Asst. in Poultry Husb.*
*W. H. Eaton, B. S., *Assoc. Prof. Dairying.*
*†D. F. King, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
†C. O. Prickett, B. S., *Research Assoc. Prof. An. Nutr.*
†W. D. Salmon, M. A., *Research Prof. An. Nutr.*
†G. A. Schrader, Ph. D., *Research Assoc. Prof. An. Nutr.*
*†W. E. Sewell, M. A., *Asst. Prof. and Asst. An. Husb.*
‡R. S. Sugg, B. S., D. V. M., *Livestock Specialist.*

Botany and Plant Pathology:

*†J. L. Seal, Ph. D., *Head of Dept.*
*†G. L. Fick, M. S., *Assoc. Prof. and Assoc. Bot.*
*†E. V. Smith, M. S., *Instr. and Asst. in Bot. and Plant Path.*

Economics (Agr.):

*†B. F. Alvord, M. S., *Actg. Head of Dept.*
*†C. M. Clark, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
‡A. N. Culver, B. S., *Mktg. Specialist (P. O., Montgomery).*
‡J. D. Moore, B. S., *Mktg. Specialist (P. O., Montgomery).*
‡G. W. Ray, B. S., *Agr. Econ. Specialist (P. O., Montgomery).*
‡J. D. Sanford, B. S., *Agr. Econ. Specialist (P. O., Montgomery).*

Editorial:

*†‡P. O. Davis, B. S., *Editor and Dir. of Publicity.*
‡L. O. Brackeen, B. S., *Agr. Editor.*

Education (Voc. Agr.):

*S. L. Chesnutt, M. A., *Prof. Agr. Ed.*
*J. C. Cannon, M. S., *Asst. State Supvr. Voc. Agr. and Itinerant Teacher Trainer.*
*G. T. Sargent, M. S., *Asst. State Supvr. Voc. Agr. and Itinerant Teacher Trainer.*

Engineering (Agr.):

*†M. L. Nichols, M. S., *Head of Dept.*
*†Arvey Carnes, M. S., *Prof. Agr. Engin.; Agr. Engin.*
*†E. G. Diseker, B. S., *Asst. Prof. and Asst. Agr. Engin.*
‡R. S. Duncan, B. S., *Asst. Ext. Agr. Engin.*
†J. W. Randolph, M. S., *Agr. Engin. (Coop. U. S. D. A.).*
†I. F. Reed, M. S., *Asst. in Agr. Engin. (Coop. U. S. D. A.).*
‡J. B. Wilson, B. S., *Ext. Agr. Engin.*

NOTE.—In the preparation of this publication Miss Agnew was assisted by Betty T. Richardson, of the Office of Experiment Stations.

Only the names of persons directly engaged in teaching, research, or demonstration in agriculture and home economics are included in the compilation. An asterisk (*) indicates a college officer, a dagger (†) a station officer, and a double dagger (‡) an extension worker. When the title of the position in the station differs from that in the college the latter is given first.

A key to the abbreviation used is given on page V.

---

[1] Assigned by the State Department of Agriculture and Industries.
[2] On leave.

Engineering (Agr.)—Continued.

*†N. W. Wilson, B. S., *Asst. Prof. and Asst. Agr. Engin.*
*†R. E. Yoder, Ph. D., *Asst. Prof. and Asst. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[1]

Director Duncan *in charge.*
‡Helen Johnston, A. M., *State Home Dem. Agt.*
‡T. A. Sims, B. S., *State Club Agt.*

Home Economics:

*Louise P. Glanton, M. A., *Head of School.*
*Mrs. Grace G. Arnquist, B. S., *Asst. Prof. Home Econ.*
‡Dorothy D. Dean, B. S., *Clothing and Handicrafts Specialist.*
‡Bessie Fleming, B. S., *Specialist in Club Work.*
‡Margaret F. Garrett, A. B., *Food Preservation Specialist.*
*Dana K. Gatchell, M. S., *Assoc. Prof. Home Econ.*
‡Helen Kennedy, M. A., *Foods and Nutr. Specialist.*
‡Nell Pickens, B. S., *Home Mgt. Specialist.*
*Lillian H. Spencer, M. S., *Asst. Prof. Home Econ.*

Horticulture and Forestry:

*†L. M. Ware, M. S., *Head of Dept.*
*†C. L. Isbell, Ph. D., *Prof. Hort.; Hort.*
‡Julian Brown, B. S., *Ext. Hort.*
‡Lyle Brown, B. S., *Specialist in For.*
*J. W. Hyde,[2] B. S., *Assoc. Prof. Landsc. Gard.*
‡C. E. McCord, B. S., *Landsc. Gard. Specialist.*
*†O. C. Medlock, M. S., *Asst. Prof. and Asst. Hort.*
†R. W. Taylor, M. S., *Asst. Hort.*
*†D. J. Weddell, M. S., *Asst. Prof. and Asst. in For.*

Special Investigations:

†J. F. Duggar, M. S., *Research Prof. Special Invest.*

Veterinary Medicine:

*C. A. Cary, B. S., D. V. M., *Dean of School (State Vet.).*

Veterinary Medicine—Continued.

*W. J. Isbell, B. S., D. V. M., *Instr. Bact.*
*C. B. Line, D. V. M., M. S., *Prof. Bact.*
*I. S. McAdory, B. S., D. V. M., *Prof. Vet. Med.*
*Houston Odom, D. V. M., *Lect. on Hog Cholera Serum.*
*F. D. Patterson, M. S., D. V. M., *Prof. Path., Parasites, and Poultry Diseases.*
*H. W. Sawyer, D. V. M., *Asst. Prof. Vet. Med.*
*E. H. Walker, D. V. M., *Lect. on Serum Diagnostic Tests and Poultry Diseases.*
*E. S. Winters, B. S., D. V. M., *Asst. Prof. Physiol. and Histol.*

Zoology and Entomology:

*†J. M. Robinson, M. A., *Head of Dept.*
*‡F. S. Arant, M. S., *Asst. Prof. and Asst. Ent.*
†L. L. English, Ph. D., *Assoc. Ent. (P. O., Spring Hill).*
*H. G. Good, Ph. D., *Assoc. Prof. Zool. and Ent.*
*F. E. Guyton, M. S., *Assoc. Prof. Zool. and Ent.*
†H. S. Swingle, M. S., *Assoc. Ent.*

Miscellaneous:

*†M. A. Glenn, *Treas.*
*†W. T. Ingram, *Purchasing Agt. and Acct.*
*†Mary E. Martin, *Libr.*
*†W. H. Weidenbach, B. S., *Executive Secy.*
*†Sara Willeford, B. S., *Agr. Libr.*

Substations:

Black Belt Substa., *P. O., Marion Junction*—
K. G. Baker, B. S., *Supt.*
C. L. McIntyre, B. S., *Asst. to Supt.*
Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown,[2] M. S., *Supt.*
H. F. Yates, B. S., *Actg. Supt.*
Sand Mountain Substa., *P. O., Crossville*—
R. C. Christopher, B. S., *Supt.*
Tennessee Valley Substa., *P. O., Belle Mina*—
Fred Stewart, B. S., *Supt.*
Wiregrass Substa., *P. O., Headland*—
J. P. Wilson, B. S., *Supt.*

State Agricultural and Mechanical Institute for Negroes, *Normal*

*Agricultural faculty. ‡Extension staff.

*J. F. Drake, A. M., *President.*
*S. A. Haley, M. S., *Dir. of Agr.*

*Mrs. J. L. Bray, *Laundering.*
*Addie M. Butler, B. S., *Home Making Ed.*
*R. A. Carter, A. B., *Agr. Chem. and Biol.*
‡W. T. Gravitt, *Agr. Dem. Agt.*
*Mrs. Mabel Jacobs, B. S., *Supvr. Home Econ.*
*Lucile A. Love, B. S., *Libr.*
*E. J. Thornton, B. S., *Voc. Agr.*
‡Lucy M. Upshaw, *Home Econ. Ext.*

Agricultural School of the Tuskegee Normal and Industrial Institute, *Tuskegee Institute*

*Agriculture faculty. ‡Extension staff.

*R. R. Moton, A. M., LL. D., Litt. D., *Principal.*
*F. D. Patterson, D. V. M., Ph. D., *Dir. of Agr. School.*
*G. W. Carver, D. Sc., *Dir. of Agr. Research, Consult. Chem.*
‡T. M. Campbell, *Field Agt. (Coop. U. S. D. A.).*

*G. Oreta Adams, D. B., *Applied Arts.*
*H. B. Benson, *Voc. Agr.*
‡E. C. Dobbs, *State Agt. for Men.*
*O. W. Ferguson, B. S., *Swine Husb.*
*Arthur Floyd, M. S., *Teacher Training in Agr. Ed.*

[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.
[2] On leave.

*Carrie J. Gleed, B. S., *Clothing.*
*F. J. Gordon, M. S., *Actg. Poultry Husb.*
*E. A. Grant, M. S., *Agr. Ed.*
‡Luella C. Hanna, *State Agt. for Women.*
*W. W. Hayes, B. S., *Hort.*
*Mobelia E. Johnson, B. S., *Foods and Teacher Training in Home Econ.*
‡Nicholas Kollock, *Movable School Agt.*
*Jennie B. Moton, A. M., *Dir. of Women's Indus.*
*J. R. Otis, M. S., *Agr. Econ.*
*Ophelia W. Pearson, B. S., *Teacher Training in Home Econ.*
*Jailous Perdue, *Farm Mech.*
*S. J. Phillips, M. S., *Farm Crops.*
*H. J. Romm, M. S., *Biol.*
*Motta L. Sims, M. A., *Foods, Institutional Mgt.*
‡Mrs. Birdie P. Thompson, *Movable School Agt.*
‡V. C. Turner, M. S., *State Club Agt.*
*B. Mae Ware, B. S., *Itinerant Teacher Training in Home Econ.*
*W. B. Williams, A. B., B. L. S., *Libr.*
*D. A. Williston, B. S., *Landsc. Arch.*
*Matthew Woods, B. S., *An. Husb.*

ALASKA

Alaska Agricultural College and School of Mines (Divisions of Agriculture and Home Economics), and the Agricultural Experiment Station, *College*

*Agricultural faculty. †Station staff. ‡Extension staff.

*‡C. E. Bunnell, A. M., LL. D., *President.*
*†G. W. Gasser, B. S., *Dir of Sta.*
‡R. L. Sheely, B. S., *Dir. Ext. Service.*

Agriculture:

Director Gasser *in charge.*
*R. J. Snodgrass, B. S., *Instr. Agr.*

Chemistry:

*A. W. Bastress, M. S., *Prof. and Head of Dept.*

Extension (Agr.):

Director Sheely *in charge.*
‡Mrs. Lydia O. Fohn-Hansen, M.S., *Asst. Dir. Home Econ. Ext.*

Extension (Agr.)—Continued.

‡J. B. Loftus, D. V. M., *Ext. Vet.* (*P. O., Juneau*).

Home Economics:

*Lola M. Cremeans, M. S., *Prof. and Head of Dept.*
*Allene Sewell, M. S., *Instr. Home Econ.*

Substations:

Matanuska—
D. L. Irwin, B. S., *Supt.*
Clarence Hunt, *Farm Foreman.*

ARIZONA

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Arizona, *Tucson*

*College faculty. †Station staff. ‡Extension staff.

*H. L. Shantz, Ph. D., D. Sc., *President of University.*
*†P. S. Burgess, Ph. D., *Dean Coll. of Agr., Dir. of Sta.*
‡P. H. Ross, M. S., *Dir. of Agr. Ext. Service.*

Agronomy:

*†R. S. Hawkins, Ph. D., *Head of Dept.*
†A. T. Bartel, M. S., *Junior Agron.* (*Coop. U. S. D. A.*).
*†I. A. Briggs, M. S., *Assoc. Prof. and Assoc. Agron.*
*†R. L. Matlock, Ph. D., *Asst. Prof. and Asst. Agron.*
‡H. N. Watenpaugh, M. S., *Ext. Agron. and Irrig.*

Animal Husbandry:

*†E. B. Stanley, M. S., *Head of Dept.*
‡C. U. Pickrell, B. S., *Ext. An. Husb.* (*P. O., Phoenix*).
*†W. J. Pistor, B. S., D. V. M., *Assoc. Prof. Vet. Med.; Assoc. Vet.*
*†E. L. Scott, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*

Botany:

*†W. G. McGinnies, Ph. D., *Actg. Head of Dept.*
*†J. J. Thornber, A. M., *Prof. Bot.; Bot.*

Chemistry (Agr.) and Soils:

*†W. T. McGeorge, M. S., *Head of Dept.*
†J. F. Breazeale, B. S., *Research Biochem.* (*Coop. U. S. D. A.*).

Chemistry (Agr.) and Soils—Contd.

*†T. F. Buehrer, Ph. D., *Prof. Agr. Chem.; Phys. Chem.*
†E. O. Foster, M. S., *Asst. Agr. Chem.* (*P.O., Phoenix*).
*†R. A. Greene, Ph. D., *Asst. Prof. Bact.; Asst. Agr. Chem.*
*†H. V. Smith, M. S., *Asst. Prof. and Asst. Agr. Chem.*

Dairy Husbandry:

*†W. S. Cunningham, M. S., *Head of Dept.*
*†R. N. Davis, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡C. F. Rowe, B. S., *Ext. Dairyman.*

Education (Voc. Agr. and Home Econ.).

*‡L. D. Klemmedson, M. S., *Head of Dept.*
*Faye C. Jones, M. A., *Asst. Prof. Voc. Ed. in Home Econ.*

Engineering (Agr.—Irrig.):

*†G. E. P. Smith, C. E., D. Eng., *Head of Dept.*
*†H. C. Schwalen, M. S. in C. E., *Assoc. Prof. and Assoc. Agr. Engin.*
*†W. A. Steenbergen, B. S. C. E., *Instr. and Asst. Agr. Engin.*

Entomology and Economic Zoology:

*†C. T. Vorhies, Ph. D., *Head of Dept.*
*†E. D. Ball, Ph. D., *Prof. Econ. Zool.; Econ. Zool.*
*†W. P. Taylor, Ph. D., *Prof. Econ. Zool.; Research Biol.* (*Coop. U. S. D. A.*).
*†L. P. Wehrle, Ph. D., *Asst. Prof. and Asst. Ent.*

Extension (Admin.):[1]

Director Ross *in charge.*
‡Frances L. Brown, B. S., *State Home Dem. Agt.*
‡H. R. Baker, B. S., *Boys' and Girls' Club Specialist.*
‡A. B. Ballantyne, M. S., *Rural Sociol. Specialist.*
‡G. W. Barr, D. Ed., *Ext. Econ.*
‡B. E. Foster, *Rodent Pest Specialist* (*Coop. U. S. D. A.: P. O., Phoenix*).

Home Economics:

*B. Eleanor Johnson, Ph. D., *Dir. of School.*
*Esther L. Batchelder, Ph. D., *Asst. Prof. Home Econ.*
‡Zella A. Blake, M. A., *Clothing Specialist.*
*Mrs. Mabel L. Lynott, M. S., *Instr. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*

Horticulture:

*†A. F. Kinnison, M. S., *Head of Dept.*
†D. W. Albert, M. S., *Assoc. Hort.* (*P. O., Tempe*).
‡Fred Draper, B. S., *Ext. Hort.*
*†A. H. Finch, Ph. D., *Asst. Prof. and Asst. Hort.*
†Karl Harris, M. A., *Asst. Irrig. Engin.* (*Coop. U. S. D. A.: P. O., Phoenix*).
†R. H. Hilgeman, B. S., *Asst. Hort.* (*P. O., Tempe*).
†M. F. Wharton, M. S., *Assoc. Hort.* (*P. O., Phoenix*).

Human Nutrition:

*†Mrs. Margaret C. Smith, Ph. D., *Prof. Nutr.; Nutr. Chem.*
†Edith M. Lantz, M. A., *Asst. Nutr. Chem.*

Plant Breeding:

*†W. E. Bryan, M. S., *Head of Dept.*
*†E. H. Pressley, M. S., *Assoc. Prof. Plant Brdg.; Assoc. Plant Breeder.*

Plant Pathology:

*†J. G. Brown, Ph. D., *Head of Dept.*
*†M. M. Evans, M. S., *Instr. Bot.; Research Asst. in Plant Path.*
*†R. B. Streets, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Poultry Husbandry:

*†Harry Embleton, B. S., *Head of Dept.*
*†H. B. Hinds, M. S., *Assoc. Prof. and Asst. Poultry Husb.*
†F. W. Richardson, B. S., *Asst. in charge Poultry Plant.*
‡C. F. Rowe, B. S., *Ext. Poultryman.*

Range Ecology:

*†W. G. McGinnies, Ph. D., *Head of Dept.*
*†A. A. Nichol, B. S., *Asst. Prof Bot.; Asst. Range Ecol.*

Miscellaneous:

*R. H. Gjelsness, B. L. S., B. A., *Libr.*
*Howard Praeger, M. A., *Editor.*

Substations:

Salt River Valley Expt. Farm, *P. O., Mesa*—
C. J. Wood, *Supt.*
University Date Garden, *P. O., Tempe*—
D. W. Albert, M. S., *Assoc. Hort.*
R. H. Hilgeman, B. S., *Asst. Hort.*
University Farms, *P. O., Tucson*—
C. A. Hobart, M. S., *Supt.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Actg. Supt.*

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

*College faculty. †Station staff. ‡Extension staff.

*J. C. Futrall, M. A., LL. D., *President of University.*
*†‡Dan T. Gray,[2] A. B., M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service.*
*†‡C. O. Brannen, Ph. D., *Asst. Dir. of Sta., Actg. Dean and Dir.*

Agronomy:

*†Martin Nelson, M. S., *Head of Dept., Vice Dean of Coll.*
†C. R. Adair, M. S., *Rice Invest.* (*Coop. U. S. D. A.: P. O., Stuttgart*).
*†R. P. Bartholomew, Ph. D., *Asst. Prof. and Asst. Agron.*
‡D. J. Burleson, M. S., *Agron. Specialist.*
*†L. C. Kapp, Ph. D., *Instr. and Asst. Agron.*
*†C. K. McClelland, M. S., *Asst. Prof. and Asst. Agron.*
*†O. A. Pope, M. S., *Instr. and Asst. Agron.*
*†J. O. Ware, Ph. D., *Prof. Agron.; Agron.*

Animal Industry:

———, *Head of Dept.*
*†C. O. Jacobson, M. S., *Instr. and Asst. in An. Indus.* (*Dairying*).

Animal Industry—Continued.

‡G. W. Knox, Jr., B. S., *Poultry Specialist* (*P. O., Little Rock*).
*†Edgar Martin, M. S., *Asst. Prof. and Asst. An. Indus.* (*Beef Cattle and Horses*).
‡M. W. Muldrow, B. S., *Livestock Specialist* (*P. O., Little Rock*).
*†R. M. Smith, M. A., *Instr. and Asst. An. Indus.* (*Poultry*).

Bacteriology and Veterinary Science:

*†W. L. Bleecker, D. V. M., M. S., *Head of Dept.*

Chemistry (Agr.):

*†Barnett Sure, Ph. D., *Head of Dept.*
†Kathryn S. Buchanan, M. S., *Research Asst. in Agr. Chem.*
*†M. C. Kik, Ph. D., *Asst. Prof. and Invest. in Agr. Chem.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

Economics and Sociology (Rural):

*††C. O. Brannen, Ph. D., *Head of Dept.*
*†E. P. Dargan, M. S., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
*†B. M. Gile,[1] Ph. D., *Prof. Rural Econ. and Sociol.; Econ. and Sociol.*
*†O. J. Hall,[1] M. S., *Assoc. Prof. and Asst. in Rural Econ. and Sociol.*
‡J. H. Heckman, M. S., *Mktg. Specialist.*
*†T. C. McCormick, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
‡E. D. White, B. S., *Ext. Econ. (P. O., Little Rock).*
*†W. T. Wilson, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*

Editorial:

*‡K. B. Roy, B. J., *Editor.*
*††J. P. Bell, *Asst. Editor and Asst. to Dean.*
‡J. V. Highfill, B. S., *Emergency Asst. Editor.*

Education (Agr.):

*K. L. Holloway, Ph. D., *Assoc. Prof. and Head of Dept.*
*R. W. Roberts, Ph. D., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

*†D. G. Carter, M. S., *Head of Dept.*
*†J. B. Woods, M. S., *Instr. and Asst. in Agr. Engin.*

Entomology:

*††W. J. Baerg, Ph. D., *Head of Dept.*
*†Dwight Isely, M. A., *Prof. Ent.; Ent.*
*††H. H. Schwardt, M. S., *Instr. and Asst. Ent.*

Extension (Admin.): [2]

Actg. Director Brannen *in charge.*
‡T. R. Reid, M. S., *Asst. Dir. (P. O., Little Rock).*
‡Connie J. Bonslagel, A. B., *State Home Dem. Agt. (P. O., Little Rock).*
‡W. J. Jernigan, B. A., *State Club Agt. (P. O., Little Rock).*
‡L. C. Baber, B. S., *Asst. State Club Agt. (P. O., Little Rock).*

Forestry—See **Horticulture.**

Home Economics:

*†——— ———, *Head of Dept.*
*†Zilpha C. Battey, M. A., *Asst. Prof. Home Econ.; Home Econ. Research. Actg. Head of Dept.*
‡Sybil D. Bates, B. S., *Home Indus. Specialist (P. O., Little Rock).*
*Madge A. Coble, M. S., *Instr. Home Econ.*

Home Economics—Continued.

‡Gertrude E. Conant, B. A., *Foods and Nutr. Specialist (P. O., Little Rock).*
‡Mrs. Ida A. Fenton, M. S., *Ext. Econ., Home Mgt. (P. O., Little Rock).*
*Olivia Smenner, M. A., *Instr. Home Econ.*
*†Margaret E. Smith, M. S., Ph. B., *Asst. Prof. Home Econ.; Home Econ. Research.*
‡Mrs. Ruby M. Smith, B. S., *Food Preservation Specialist (P. O., Little Rock).*
‡Rosalie L. Wolfe, M.S., *Specialist in Clothing and Household Arts (P. O., Little Rock).*

Horticulture and Forestry:

*†J. R. Cooper, M. S., *Head of Dept.*
‡W. G. Amstein, M. S., *Hort. Specialist.*
*†L. M. Turner, Ph. D., *Asst. Prof. and Asst. For.*
*†V. M. Watts, Ph. D., *Asst. Prof. and Asst. Hort.*
*†C. B. Wiggans, M. S., *Asst. Prof. and Asst. Hort.*

Plant Pathology:

*†V. H. Young, Ph. D., *Head of Dept.*
*†D. M. Moore, Ph. D., *Prof. Bot.; Bot.*
*†H. R. Rosen, Ph. D., *Prof. Plant Path.; Plant Path.*
*†E. M. Cralley, Ph. D., *Instr. and Asst. Plant Path.*
‡J. C. Dunegan, B. S., *Orchard Spraying Invest. (Coop. U. S. D. A.).*
*†Delbert Swartz, Ph. D., *Assoc. Prof. and Assoc. Bot.*
†E. C. Tullis, Ph. D., *Rice Disease Invest. (Coop. U. S. D. A.).*

Veterinary Science—See **Bacteriology.**

Miscellaneous:

*†Margaret Gallaway, *Libr.*

Substations:

Cotton Branch Expt. Sta., *P. O., Marianna*—
C. J. Byrd, B. S., *Asst. Dir. in charge.*
Rudolph Setzler, B. S., *Tech. Asst.*
Fruit and Truck Branch Expt. Sta., *P. O., Hope*—
G. W. Ware, B. S., *Asst. Dir. in charge.*
Sam Dameron, B. S., *Tech. Asst.*
Rice Branch Expt. Sta., *P. O. Stuttgart*—
G. H. Banks, B. S., *Asst. Dir. in charge.*
Leon Garot, B. S., *Tech. Asst.*

Agricultural, Mechanical, and Normal College, *Pine Bluff*

*Agricultural faculty.

*J. B. Watson, A. M., *President.*

*J. M. Coruthers, Ph. D., *Dir. of Agr. and Prof. Agr. Econ.*
*Katherine Glass, B. S., *Asst. in Home Econ.*
*Mrs. Kathryn A. Ingram, B. S., *Asst. Prof. Home Econ.*
*Lillie S. Rivers, B. S., *Libr.*
*Pinkie E. Thrift, M. A., *Head Dept. of Home Econ.*
*C. S. Woodard, M. S., *Agr.*
*J. R. Woods, *Instr. Agr.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

CALIFORNIA

College of Agriculture, the Agricultural Experiment Station, and the Department of Home Economics of the University of California, *Berkeley*

*College faculty. †Station staff. ‡Extension staff.

*R. G. Sproul, B. S., LL. D., *President of University.*
*†C. B. Hutchison, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡B. H. Crocheron, M. S., *Dir. Agr. Ext. Service.*
*†L. D. Batchelor, Ph. D., *Dir. Branch of Coll. of Agr. in So. Calif. and of Citrus Expt. Sta.* (*P. O., Riverside*).
*†W. L. Howard, Ph. D., *Dir. Branch of Coll. of Agr.* (*P. O., Davis*).
†H. R. Tolley,[1] B. S., *Dir. Giannini Foundation of Agr. Econ.*
*†R. W. Hodgson, M. S., *Asst. Dir. Branch of Coll. of Agr. in So. Calif.* (*P. O., Los Angeles*).

Agronomy:

*†B. A. Madson, B. S., *Head of Div.* (*P. O., Davis*).
*†J. W. Gilmore, M. S., *Prof. Agron.; Agron.* (*P. O., Davis*).
*†C. F. Shaw, B. S., *Head Div. of Soil Tech.*
†Ruth F. Allen, Ph. D., *Assoc. in Agron.* (*Coop. U. S. D. A.*).
*C. A. Anderson, Ph. D., *Asst. Prof. Geol.* (*P. O., Davis*).
*†G. B. Bodman, Ph. D., *Assoc. Prof. and Assoc. Soil Tech.*
*†F. N. Briggs, Ph. D., *Asst. Prof. and Asst. Agron.* (*P. O., Davis*).
‡J. E. Coke, B. S., *Agron. Specialist.*
*†R. C. Cole, Ph. D., *Instr. and Junior Soil Tech.* (*P. O., Davis*).
†J. P. Conrad, Ph. D., *Assoc. Agron.* (*P. O., Davis*).
†S. W. Cosby, Ph. D., *Asst. Soil Tech.*
†J. A. Denny, *Agron. Foreman.*
†L. G. Goar, *Assoc. in Agron.* (*P. O., Davis*).
†F. A. Greer, *Field Foreman in Agron.* (*P. O., Davis*).
*G. W. Hendry, B. S., *Asst. Prof. Agron.*
†W. W. Mackie, M. S., *Assoc. Agron.*
*†Alfred Smith, Ph. D., *Assoc. Prof. and Assoc. Soil Tech.* (*P. O., Davis*).
†F. L. Smith, M. S., *Junior Agron.*
†R. E. Storie, B. S., *Asst. Soil Tech.*
†W. W. Weir, *Assoc. Drainage Engin.* (*Soils*).
†G. A. Wiebe, Ph. D., *Research Assoc. in Agron.* (*Coop. U. S. D. A.: P. O., Davis*).

Animal Industry:[2]

*†G. H. Hart, M. D., D. V. M., *Head of Div.* (*P. O., Davis*).
*†H. H. Cole, Ph. D., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
†A. H. Folger, B. S., *Supt. Official Testing* (*P. O., Davis*).
*†Harold Goss, Ph. D., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
*†P. W. Gregory, Sc. D., *Asst. Prof. and Asst. An. Husb.* (*P. O., Davis*).
†H. R. Guilbert, M. S., *Asst. An. Husb.* (*P. O., Davis*).
†C. E. Howell, M. S., *Assoc. An. Husb.* (*P. O., Davis*).
*†E. H. Hughes, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
†Max Kleiber, D. Sc., *Assoc. An. Husb.* (*P. O., Davis*).
†S. W. Mead, M. S., *Assoc. An. Husb.* (*P. O., Davis*).
*†R. F. Miller, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
†H. H. Reese, *Assoc. in An. Husb.* (*P. O. Pomona*).
*†W. M. Regan, A. M., *Prof. An. Husb.; An. Husb.* (*P. O., Davis*).

Animal Industry—Continued.

‡L. H. Rochford, B. S., *An. Husb. Specialist.*
*†J. F. Wilson, M. A., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).

Botany:

*†W. W. Robbins, Ph. D., *Head of Div.* (*P. O., Davis*).
*†H. A. Borthwick, Ph. D., *Asst. Prof. and Asst. Bot.* (*P. O., Davis*).
*W. F. Court, *Tech. Asst. in Bot.*
†A. S. Crafts, Ph. D., *Asst. Bot.* (*P. O., Davis*).
*†Katherine Esau, Ph. D., *Instr. and Junior Bot.* (*P. O., Davis*).

Chemistry and Plant Nutrition:

*†C. S. Bisson, Ph. D., *Head Div. of Chem.* (*P. O., Davis*).
*†D. R. Hoagland, M. S., *Head Div. of Plant Nutr.*
*†W. P. Kelley, Ph. D., *Prof. Agr. Chem.; Agr. Chem.* (*P. O., Riverside*).
*†A. D. Ballard, B. S., *Technician and Analyst in Plant Nutr.*
†S. M. Brown, *Asst. Chem.* (*P. O., Riverside*).
*J. S. Burd, B. S., *Prof. Plant Nutr.*
†H. D. Chapman, Ph. D., *Asst. Chem.* (*P. O., Riverside*).
†W. H. Dore, B. S., *Chem.*
†P. L. Hibbard, B. S., *Assoc. Chem.*
†J. C. Martin, B. S., *Assoc. Chem.*
*J. G. Sewell, M. S., *Assoc. in Chem.* (*P. O., Davis*).
†E. E. Thomas, B. S., *Assoc. Chem.* (*P. O., Riverside*).
†A. P. Vanselow, Ph. D., *Asst. Chem.* (*P. O., Riverside*).
*†H. A. Young, Ph. D., *Asst. Prof. and Asst. Chem.* (*P. O., Davis*).

Dairy Industry:

*†C. L. Roadhouse, D. V. M., *Head of Div.* (*P. O., Davis*).
†F. H. Abbott, B. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
*†W. C. Cole, M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
‡G. E. Gordon, B. S., *Dairy Specialist.*
†J. L. Henderson, M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
*†C. S. Mudge, Ph. D., *Assoc. Prof. Dairy Indus.; Assoc. Dairy Bact.* (*P. O., Davis*).
*†D. H. Nelson, M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
*†C. A. Phillips,[1] M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
*†G. A. Richardson, Ph. D., *Asst. Prof. Dairy Indus.; Asst. Dairy Chem.* (*P. O., Davis*).
†F. R. Smith, M. A., *Assoc. in Dairy Indus.* (*P. O., Davis*).

---

[1] On leave.
[2] Including the W. K. Kellogg Institute of Animal Husbandry.

Economics (Agr.): [1]

*†H. R. Tolley,[2] B. S., *Head of Div.*
*†R. L. Adams, M. S., *Prof. Farm Mgt.; Agr. Econ.*
*†M. R. Benedict, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*†L. A. Crawford, M. S., *Research Asst. in Agr. Econ.*
*†H. E. Erdman, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
‡L. W. Fluharty, B. S., *Farm Mgt. Specialist.*
‡W. C. Ockey, Ph. D., *Farm Mgt. Specialist.*
*†G. M. Peterson, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
†J. B. Schneider, Ph. B., A. M., *Assoc. in Agr. Econ.*
†S. W. Shear, Ph. D., *Assoc. Agr. Econ.*
‡Arthur Shultis, M. S., *Farm Mgt. Specialist.*
‡D. W. Smythe, A. B., *Agr. Econ. Specialist.*
*†H. J. Stover, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
†J. M. Tinley, Ph. D., *Assoc. Agr. Econ.*
*†E. C. Voorhies, B. S., *Assoc. Prof. and Agr. Econ.*
*†David Weeks, C. E., Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
‡H. R. Wellman, Ph. D., *Agr. Econ. Specialist.*
‡F. R. Wilcox, B. S., *Farm Mktg. Specialist.*
*†Alyce V. Williams, M. S., *Asst. in Agr. Econ. (P. O., Davis).*

Editorial:

†W. E. Berg, B. S., *Editor.*
†Mrs. Celeste T. Wright, Ph. D., *Asst. Editor (P. O., Davis).*

Education (Agr.):

*F. L. Griffin, M. S., *Assoc. Prof. Agr. Ed. and Supvr. Nondegree Instr. (P. O., Davis).*
‡H. M. Butterfield, M. S., *Supvr. Agr. Corresp. Courses.*

Engineering (Agr.):

*†H. B. Walker, C. E., *Head of Div. (P. O., Davis).*
*†Frank Adams,[2] A. M., *Head Irrig. Invest. and Pract.; Irrig. Econ.*
*†Roy Bainer, M. S., *Asst. Prof. and Asst. Agr. Engin. (P. O., Davis).*
*†S. H. Beckett, Engr., *Prof. Irrig. Invest. and Pract.; Irrig. Engin. (P. O., Riverside).*
*†H. L. Belton, *Assoc. in Agr. Engin. (P. O., Davis).*
*†F. A. Brooks, M. E., Sc. D., *Assoc. Prof. and Assoc. Agr. Engin. (P. O., Davis).*
‡J. B. Brown, B. S., *Irrig. Specialist.*
†L. N. Brown, B. S., *Assoc. in Irrig. Invest. and Pract. (Coop. U. S. D. A.: P. O., Dos Palos).*
†J. E. Christiansen, M. S., *Junior Irrig. Engin. (P. O., Davis).*
†L. D. Doneen, Ph. D., *Junior Irrig. Agron. (P. O., Davis).*
*†N. E. Edlefsen, Ph. D., *Asst. Prof. Irrig. Invest. and Pract.; Asst. Irrig. Engin. (P. O., Davis).*
‡J. P. Fairbank, B. S., *Agr. Engin. Specialist (P. O., Davis).*
*†O. C. French, M. S. A. E., *Instr. and Junior Agr. Engin. (P. O., Davis).*
†K. R. Frost, B. S. A. E., M. S. M. E., *Assoc. in Agr. Engin. (P. O., Davis).*
†C. V. Givan, Engr., *Asst. Irrig. Engin. (P. O., San Jose).*

Engineering (Agr.)—Continued.

*†M. R. Huberty, B. S., *Asst. Prof. and Assoc. Irrig. Engin. (P. O., Davis).*
†H. D. Lewis, B. S., *Assoc. in Agr. Engin. (P. O., Davis).*
*†J. D. Long, M. S., *Asst. Prof. and Asst. Agr. Engin. (P. O., Davis).*
†S. W. McBirney, B. S. A. E., *Research Assoc. in Agr. Engin. (Coop. U. S. D. A.: P. O., Davis).*
*†B. D. Moses, B. S., *Assoc. Prof. and Assoc. Agr. Engin. (P. O., Davis).*
*†R. L. Perry, B. S., M. E., *Asst. Prof. and Asst. Agr. Engin. (P. O., Davis).*
†A. F. Pillsbury, Engr., *Junior Irrig. Engin.*
†J. R. Tavernetti, B. S., *Assoc. Agr. Engin. (P. O., Davis).*
†C. M. Titus, M. A., *Assoc. Statistician (P. O., Davis).*
*†F. J. Veihmeyer, C. E., Ph. D., *Assoc. Prof. Irrig. Invest. and Pract.; Irrig. Engin. (P. O., Davis).*
†J. S. Winters, *Assoc. in Agr. Engin. (P. O., Davis).*
†R. Wray, *Foreman in Irrig. Invest. (P. O., Davis).*

Entomology and Parasitology:

*†W. B. Herms, M. A., *Head of Div. Prof. Parasitol.*
*†S. F. Bailey, Ph. D., *Instr. and Junior Ent. (P. O., Davis).*
†A. J. Basinger, M. S., *Assoc. in Ent. (P. O., Riverside).*
†A. D. Borden, A. M., *Asst. Ent.*
*†A. M. Boyce, Ph. D., *Asst. Prof. and Asst. Ent. (P. O., Riverside).*
†Harold Compere, *Assoc. in Ent. (P. O., Riverside).*
*†Roderick Craig, Ph. D., *Instr. and Junior Insect Physiol.*
†Walter Ebeling, M. S., *Junior Ent. (P. O., Riverside).*
*†J. E. Eckert, Ph. D., *Asst. Prof. and Asst. Apiculturist (P. O., Davis).*
*†E. O. Essig, M. S., *Prof. Ent.; Ent.*
†S. E. Flanders, A. B., *Assoc. in Ent. (P. O., Riverside).*
*†S. B. Freeborn, Ph. D., *Prof. Ent.; Ent. (P. O., Davis).*
*†W. M. Hoskins, Ph. D., *Asst. Prof. and Asst. Ent.*
†J. F. Lamiman, Ph. D., *Junior Ent.*
†H. L. McKenzie, M. S., *Lab. Asst. in Ent. (P. O., Riverside).*
*†H. J. Quayle, M. S., *Prof. Ent.; Ent. (P. O., Riverside).*
†H. H. P. Severin, Ph. D., *Assoc. Ent.*
*†H. S. Smith, M. A., *Prof. Ent.; Ent. (P. O., Riverside).*
†L. M. Smith, Ph. D., *Junior Ent. (P. O., San Jose).*
†R. H. Smith, Ph. D., *Ent. (P. O., Riverside).*
*†T. I. Storer, Ph D., *Head Div. of Zool. (P. O., Davis).*
†P. H. Timberlake, A. M., *Assoc. Ent. (P. O., Riverside).*
*E. C. Van Dyke, B. S., M. D., *Prof. Ent.*
†F. H. Wymore, M. S., *Assoc. in Ent. (P. O., Davis).*

Extension (Admin.): [3]

Director Crocheron *in charge.*
‡Harriet G. Eddy, A. B., *State Home Dem. Leader.*
‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡W. R. Ralston, B. S., *Asst. State Club Leader, Southern Counties.*

---

[1] Including the Giannini Foundation of Agricultural Economics.
[2] On leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Extension (Admin.)—Continued.

‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡May Secrest, B. S., *Asst. State Home Dem. Leader.*
‡Floda E. Smith, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader and in charge of Specialists.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
‡Harold Ellis, *Information and Publicity.*
‡C. F. Elwood, B. S., *Asst. Prof. in charge Public Service Office.*
‡T. F. Hunt, B. S., *Assoc. Prof. Agr. Ext. in charge of Unorganized Counties.*
‡W. J. Norton, Ph. G., *Illus. Materials Specialist.*

Forestry:

*Walter Mulford, F. E., *Head of Div.*
*†F. S. Baker, F. E., *Assoc. Prof. For.; Assoc. Silviculturist.*
*†P. M. Barr, M. F., Ph. D., *Asst. Prof. and Asst. For.*
*Emanuel Fritz, M. E., M. F., *Assoc. Prof. For.*
*†Joseph Kittredge, Jr., M. F., Ph. D., *Prof. For.; For. Ecol.*
*†M. E. Krueger, M. S., *Assoc. Prof. and Assoc. For.*
*†H. E. Malmsten, B. S. F., *Asst. Prof. and Asst. For.*
*‡Woodbridge Metcalf, M. S., *Assoc. Prof. and For. Specialist.*
*†A. W. Sampson, Ph. D., *Assoc. Prof. For.; Plant Ecol.*

Genetics (Agr.):

*†E. B. Babcock, M. S., *Head of Div.*
*†D. R. Cameron, Ph. D., *Assoc. in Genetics.*
*†A. E. Clarke, Ph. D., *Assoc. in Genetics.*
*R. E. Clausen, Ph. D., *Prof Genetics.*
†J. W. Lesley, Ph. D., *Asst. Plant Breeder (P. O., Riverside).*

Home Economics:

*†Mrs. Agnes F. Morgan, Ph. D., *Chair. Dept. of Household Sci.; Research Assoc. in Nutr.*
*Mary F. Patterson, *Chair. Dept. of Household Art.*
‡Jessie L. Decker, *Home Furnishing Specialist.*
‡Ethelwyn M. Dodson, B. S., *Clothing Specialist.*
*Helen W. Fancher, *Assoc. in Household Art.*
*Hope M. Gladding, *Assoc. Prof. Household Art and Design.*
*Mrs. Irene S. Hall, Ph. D., *Instr. Household Sci.*
*Mae N. Lent, *Assoc. in Household Art.*
*Ruth E. Okey, Ph. D., *Assoc. Prof. Household Sci.*
*Lila M. O'Neale, Ph. D., *Assoc. Prof. Household Art.*
‡Mrs. Sara W. Prentiss, M. A., *Household Admin. Specialist.*

Horticulture:

*†L. D. Batchelor, Ph. D., *Prof. Orchard Mgt., Grad School of Trop. Agr.; Hort., Citrus Sta. (P. O., Riverside).*

Horticulture—Continued.

*†F. T. Bioletti, M. S., *Head Div. of Vit. and Fruit Products.*
*†J. W. Gregg, B. S., *Head Div. of Landsc. Design.*
*†R. W. Hodgson, M. S., *Head Div. of Subtrop. Hort. (P. O., Los Angeles).*
*†H. A. Jones, Ph. D., *Head Div. of Truck Crops (P. O., Davis).*
*†W. P. Tufts, Ph. D., *Head Div. of Pomol. (P. O., Davis).*
†F. W. Allen, M. S., *Assoc. Pomol. (P. O., Davis).*
†David Appleman, B. S., *Research Asst. in Subtrop. Hort. (P. O., Los Angeles).*
†A. C. Austin, *Lab. Asst. in Plant Brdg. (P. O., Riverside).*
†O. L. Braucher, *Asst. in Orchard Mgt. (P. O., Riverside).*
†R. E. Caryl, M. H., *Assoc. in Orchard Mgt. (P. O., Riverside).*
*†W. H. Chandler, Ph. D., *Prof. Pomol.; Pomol.*
†O. C. Compton, M. S., *Lab. Technician (P. O., Riverside).*
*†I. J. Condit,[1] Ph. D., *Assoc. Prof. and Assoc. Subtrop. Hort. (P. O., Los Angeles).*
*†W. V. Cruess, Ph. D., *Prof. Fruit Products; Chem.*
*†L. D. Davis, Ph. D., *Asst. Prof. and Asst. Pomol. (P. O., Davis).*
†L. H. Day, M. S., *Asst. Pomol. (P. O., Davis).*
†E. R. Eggers, B. S., *Supt. Subtrop. Hort. Planting (P. O., Los Angeles).*
*†S. L. Emsweller, Ph. D., *Asst. Prof. Truck Crops; Asst. Oler. (P. O., Davis).*
†H. B. Frost, Ph. D., *Assoc. Plant Breeder (P. O., Riverside).*
†F. F. Halma, Ph. D., *Asst. Hort. (P. O., Riverside).*
†G. C. Hanna, B. S., *Assoc. in Truck Crops (P. O., Rio Vista).*
†C. J. Hansen, A. B., *Assoc. in Pomol. (P. O., Davis).*
†A. H. Hendrickson, Ph. D., *Pomol. (P. O., Davis).*
*†W. L. Howard, Ph. D., *Prof. Pomol.; Pomol. (P. O., Davis).*
†H. E. Jacob, M. S., *Assoc. in Vit. (P. O., Davis).*
†M. A. Joslyn, M. S., *Research Asst. in Fruit Products.*
†R. G. LaRue, *Supt. of Cultivation (P. O., Riverside).*
†Omund Lilleland, Ph. D., *Asst. Pomol. (P. O., Davis).*
†E. R. Parker, Ph. D., *Asst. Hort. (P. O., Riverside).*
†G. L. Philp, M. S., *Assoc. in Pomol. (P. O., Davis).*
*†C. F. Poole, Ph. D., *Instr. and Junior Oler. (P. O., Davis).*
*†D. R. Porter, Ph. D., *Asst. Prof. Truck Crops; Asst. Oler. (P. O., Davis).*
*†E. L. Proebsting, Ph. D., *Assoc. Prof. and Assoc. Pomol. (P. O., Davis).*
‡W. R. Schoonover, M. S., *Citriculture Specialist (P. O., Riverside).*
†G. W. Scott, M. S., *Research Asst. in Truck Crops (P. O., Davis).*
*H. W. Shepherd, B. S., *Assoc. Prof. Landsc. Design.*
*†J. L. Stahl, B. S., *Assoc. in Landsc. Gard. (P. O., Davis).*
*H. L. Vaughan, B. S., *Instr. Landsc. Design.*
*†H. J. Webber, Ph. D., D. Agr., *Prof. Subtrop. Hort.; Citriculturist (P. O., Riverside).*

[1] On leave.

Horticulture—Continued.

*†A. J. Winkler,[1] Ph. D., *Assoc. Prof. and Assoc. Vit.* (*P. O., Davis*).

Nutrition:

†H. M. Evans, B. S., M. D., *Research Assoc. in Expt. Biol.*

‡Hilda Faust, M. A., *Nutr. Specialist.*

Plant Pathology:

*†R. E. Smith, B. S., *Head of Div.*

*†J. T. Barrett, Ph. D., *Prof. Plant Path.; Plant Path.*

†D. E. Bliss, Ph. D., *Junior Plant Path.* (*P. O., Riverside*).

*†H. S. Fawcett, Ph. D., *Prof. Plant Path.; Plant Path.* (*P. O., Riverside*).

*†M. W. Gardner, Ph. D., *Prof. Plant Path.; Plant Path.*

*†H. N. Hansen, Ph. D., *Asst. Prof. and Asst. Plant Path.*

*†W. T. Horne, B. S., *Assoc. Prof. and Assoc. Plant Path.* (*P. O., Riverside*).

†J. B. Kendrick, Ph. D., *Assoc. Plant Path.* (*P. O., Davis*).

†L. J. Klotz, Ph. D., *Assoc. Plant Path.* (*P. O., Riverside*).

*†L. D. Leach, Ph. D., *Asst. Prof. and Asst. Plant Path.* (*P. O., Davis*).

†P. A. Miller, M. S., *Assoc. in Subtrop. Hort.* (*P. O., Los Angeles*).

†H. P. Olmo, Ph. D., *Assoc. in Vit.* (*P. O., Davis*).

*†T. E. Rawlins, Ph. D., *Asst. Prof. and Asst. Plant Path.*

†B. A. Rudolph, Ph. D., *Assoc. Plant Path.* (*P. O., San Jose*).

‡C. E. Scott, M. A., *Plant Path. Specialist.*

†C. O. Smith, M. S., *Assoc. in Plant Path.* (*P. O., Riverside*).

*†W. C. Snyder, Ph. D., *Instr. and Junior Plant Path.*

†Harold E. Thomas, Ph. D., *Asst. Plant Path.*

†Harvey E. Thomas, Ph. D., *Assoc. Plant Path.*

†C. M. Tompkins, Ph. D., *Asst. Plant Path.*

†E. E. Wilson, Ph. D., *Asst. Plant Path.* (*P. O., Davis*).

†C. E. Yarwood, Ph. D., *Assoc. in Plant Path.*

Plant Physiology:

*†H. S. Reed, Ph. D., *Prof. Plant Physiol.; Plant Physiol.* (*P. O., Riverside*).

Plant Physiology—Continued.

†E. T. Bartholomew, Ph. D., *Assoc. Plant Physiol.* (*P. O., Riverside*).

*†J. P. Bennett, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*

*†S. H. Cameron, Ph. D., *Asst. Prof. Subtrop. Hort.; Asst. Plant Physiol.* (*P. O., Los Angeles*).

*A. R. Davis, Ph. D., *Prof. Plant Physiol.*

†W. F. Gericke, Ph. D., *Assoc. Plant Physiol.*

†A. R. C. Haas, Ph. D., *Assoc. Plant Physiol.* (*P. O., Riverside*).

*R. M. Holman, Ph. D., *Assoc. Prof. Bot.*

*C. B. Lipman, Ph. D., D. Sc., *Prof. Plant Physiol.*

†W. B. Sinclair, Ph. D., *Research Assoc. in Plant Physiol.* (*P. O., Riverside*).

Poultry Industry:

*†L. W. Taylor, Ph. D., *Head of Div.*

*†H. J. Almquist, Ph. D., *Instr. and Junior Poultry Husb.*

*†V. S. Asmundson, Ph. D., *Asst. Prof. and Asst. Poultry Husb.* (*P. O., Davis*).

†C. A. Gunns, *Technician in Poultry Husb.*

*†T. H. Jukes, Ph. D., *Instr. and Junior Poultry Husb.* (*P. O., Davis*).

†H. B. Mugglestone, *Foreman Research Poultry Plant.*

‡W. E. Newlon, B. S., *Poultry Specialist.*

Veterinary Science:

*†C. M. Haring, D. V. M., *Head of Div.*

*†J. R. Beach, D. V. M., *Prof. Vet. Sci.; Vet.*

*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.; Vet.*

†W. H. Busic, D. V. M., *Assoc. in Vet. Sci.*

*†F. M. Hayes, D. V. M., *Prof. Vet. Sci.; Vet.* (*P. O., Davis*).

†W. R. Hinshaw, M. S., D. V. M., *Assoc. Vet.* (*P. O., Davis*).

†J. A. Howarth, B. S., D. V. M., *Assoc. in Vet. Sci.* (*P. O., Davis*).

†R. E. Lubbehusen, D. V. M., *Assoc. Vet.*

‡K. G. McKay, M. S., D. V. M., *Vet. Sci. Specialist.*

†C. J. Parshall, D. V. M., *Assoc. in Vet. Sci.*

*†Jacob Traum, D. V. M., *Prof. Vet. Sci.; Vet.*

COLORADO

The Colorado State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Fort Collins*

*College faculty. †Station staff. ‡Extension staff.

*C. A. Lory, M. S., LL. D., D. Sc., *President.*

*†E. P. Sandsten, Ph. D., *Dean Div. of Agr. and Dir. of Sta.*

†L. D. Crain, M. M. E., *Vice Dir. of Sta.*

‡F. A. Anderson, *Dir. of Ext. Service.*

Agronomy:

*†Alvin Kezer, M. A., *Head of Dept.*

†D. C. Anderson, M. S., *Asst. Agron.*

‡W. W. Austin, B. S., *Asst. Ext. Agron.*

†Robert Gardner, M. S., *Assoc. in Plant Indus.*

*†J. B. Goodwin, M. S., *Asst. Prof. and Asst. Agron.* (*Soils*).

*†W. H. Leonard, M. S., *Asst. Prof. and Asst. Agron.*

Agronomy—Continued.

†D. W. Robertson, Ph. D., *Assoc. Agron.* (*Cereal Brdg.*).

‡T. G. Stewart, B. S., *Ext. Agron.*

Animal Industry:

*†G. E. Morton, M. L., B. S., *Head of Dept.*

‡A. C. Allen, B. S., *Ext. An. Husb.*

‡G. R. Henderson, M. S., *Asst. Ext. An. Husb.*

[1] On leave.

Animal Industry—Continued.

*†H. R. Lascelles, M. S., *Instr. An. Husb.; Supvr. Advanced Registry.*
*†F. H. Leinbach, M. S., *Assoc. Prof. An. Husb.; Assoc. in An. Invest.*
*R. B. Locke, M. S., *Assoc. Prof. in charge Dairy Mfg.*
*†H. B. Osland, M. S., *Assoc. in An. Invest.*
‡C. A. Smith, B. S., *Ext. Dairyman.*
†J. O. Toliver, M. S., *Asst. in An. Invest.*
‡O. C. Ufford, B. S., *Ext. Poultryman.*

Botany:

*†L. W. Durrell, Ph. D., *Head of Dept.*
*†E. W. Bodine, M. S., *Asst. in Bot.*
*†W. A. Kreutzer, M. S., *Asst. Prof. and Asst. in Bot.*
†Anna M. Lute, B. S., *Seed Analyst.*
*†M. S. Morris, M. S., *Asst. in Bot.*
*†E. C. Smith, M. S., *Assoc. Prof. Bot. and Curator of Herbarium.*
*†E. J. Starkey, M. S., *Asst. Bot.*
*K. W. Taylor, M. S., *Instr. Bot.*
*†B. J. Thornton, M. S., *Assoc. in Bot.; Weed Control.*

Chemistry:

†J. W. Tobiska, M. A., *Actg. Head of Sta. Dept.*
*E. L. Bailes, M. S., *Asst. Prof. Chem.*
*R. G. Coffin, M. S., *Assoc. Prof. Chem.*
*E. B. Crone, Ph. D., *Instr. Chem.*
†Earl Douglass, M. S., *Assoc. Chem.*
*Shirley Gaddis, M. S., *Instr. Chem.*
*Merle A. Goodwin, B. S., *Instr. Chem.*
*K. G. Irwin, M. S., *Asst. Prof. Chem.*
*C. G. H. Johnson, Ph. D., *Asst. Prof. Chem.*
*W. E. Pyke, A. B., *Assoc. Prof. Chem.*
*S. C. Tobey, B. A., *Instr. Chem.*
†C. E. Vail, M. A., *Assoc. Chem.*
*Grace E. Walt, B. S., *Instr. Chem.*
*G. H. Whiteford, Ph. D., *Prof. Chem.*
*Elizabeth M. Wing, A. M., *Assoc. Prof. Chem.*

Economics and Sociology (Rural):

*†L. A. Moorhouse, M. S., *Head of Dept.*
‡D. C. Bascom, B. S., *Rural Organ. Specialist.*
*†R. T. Burdick, M. S., *Assoc. Prof. and Assoc. in Rural Econ.*
*B. F. Coen, M. A., *Assoc. Prof. Rural Sociol.*
*†D. N. Donaldson, M. S., *Assoc. Prof. Econ. and Finance; Assoc. in Econ.*
‡W. F. Droge, M. S., *Ext. Econ., Farm Mgt. (P. O., Montrose).*
*†C. C. Gentry, M. A., *Asst. Prof. and Asst. in Sociol.*
†G. S. Klemmedson, M. S., *Assoc. in Econ.*
*†H. B. Pingrey, M. S., *Asst. in Rural Econ.*
‡J. L. Shields, B. S., *Ext. Econ., Farm Mgt.*
‡E. D. Smith, B. A., *Ext. Econ., Mktg. and in charge Rural Organ.*
‡T. H. Summers, M. S., *Senior Ext. Econ., Farm Mgt.*
‡Mary E. Sutherland, B. S., *Rural Organ. Specialist.*

Editorial:

*††‡G. C. Eddy, *Photog.*
*††‡Esther Horsley, *Asst. Editor.*
*††‡L. G. Kinghorn, *Pub. Editor.*
‡J. H. McClelland, *Asst. Editor.*
*††‡Arthur Robinson, *Assoc. Editor.*

Education (Rural and Voc.):

*G. T. Avery, Ph. D., *Head of Dept.*
*Margaret Lalor, B. S., *Asst. in Ed.*
*Helen Newcomb, M. S., *Asst. in Ed.*

Education (Rural and Voc.)—Contd.

*G. A. Schmidt, Ph. D., *Assoc. Prof. in charge Agr. Ed.*
*Maude Williamson, M. A., *Assoc. Prof. and Teacher Trainer in Home Econ. Ed.*
*J. B. Yingling, B. S., *Assoc. Prof. and Teacher Trainer in Indus. Ed.*

Engineering (Civil and Irrig.):

*†E. B. House, M. S., *Head of Dept.*
†W. E. Code, B. S., *Assoc. in Irrig. Invest.*
*H. M. Huckeby, M. S., *Asst. Prof Irrig. Engin.*
*†E. A. Lawver, B. S., *Testing Engin.*
†R. L. Parshall, B. S., *Irrig. Invest. (Coop. U. S. D. A.).*
*O. P. Pennock, M. S., *Assoc. Prof. Irrig. Engin.*
†Carl Rohwer, B. S., C. E., *Assoc. in Irrig. Invest. (Coop. U. S. D. A.).*
†R. E. Trimble, B. S., *Asst. in Irrig. Invest. (Met.).*

Entomology and Zoology:

*†C. R. Jones, Ph. D., *Head of Dept.*
*†L. B. Daniels, M. S., *Asst. Prof. Ent. and Zool.; Asst. in Ent.*
*†J. L. Hoerner, M. S., *Assoc. Prof. Ent. and Zool.; Assoc. in Ent.*
*†M. T. James, M. A., *Curator of Museum; Asst. in Ent.*
†G. M. List, Ph. D., *Ent. (State Ent.).*
*‡S. C. McCampbell, M. S., *Asst. Prof. Zool. and Ent., Ext. Ent.*
†J. H. Newton, B. S., *Deputy State Ent. (P. O., Paonia).*
*†Miriam A. Palmer, M. S., *Assoc. in Ent.*
†R. G. Richmond, M. S., *Deputy State Ent. and Insp. of Apiaries.*

Extension (Admin.):[1]

Director Anderson *in charge.*
‡J. E. Morrison, B. S., *Asst. Dir.*
——— ——— *State Home Agt.*
‡C. W. Ferguson, M. S., *State Club Agt.*
‡Gladys Bradley, A. B., *Asst. State Club Agt.*
‡F. C. Jans, *Admin. Asst.*

Forestry:

*W. J. Morrill, B. S., M. F., *Head of Dept.*
*‡R. E. Ford, B. S., *Asst. Prof and Ext. For.*
*B. O. Longyear, B. S., M. F., *Assoc. Prof. For.*

Home Economics:

*†Inga M. K. Allison, E. B., M. S., *Dean of Div.*
†M. A. Barmore, Ph. D., *Assoc. in Home Econ. Invest.*
*Charlotte E. Carpenter, M. A., *Assoc. Prof. Home Econ.*
*Huldah Cooke, B. S., R. N., *Asst. Prof. Home Econ.*
‡Exine Davenport, B. S., *Ext. Econ., Home Mgt.*
‡Delphine Dawson, B. S., *Clothing Specialist.*
*Ida M. Didier, M. S., *Asst. Prof. Home Econ.*
‡Ruth B. McCammon, M. S., *Ext. Nutr.*
*Bertha R. Most, A. B., *Assoc. Prof. Home Econ.*
*Frances A. Starin, M. S., *Assoc. Prof. Home Econ.*

Horticulture:

*†C. H. Metzger, M. S., *Assoc. Hort. and Actg. Head of Dept.*
*†G. A. Beach, B. S., *Asst. Prof. and Asst. in Hort.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Horticulture—Continued.

*†A. M. Binkley,[1] M. S., *Assoc. Prof. and Assoc. Hort.*
*†L. R. Bryant, Ph. D., *Asst. Prof. and Asst. in Hort.*
‡W. M. Case, B. S., *Ext. Hort.*
*†L. E. Evans, M. S., *Asst. in Hort.*
*E. P. Sandsten, Ph. D., *Prof. Hort.* (*State Hort.*).

Physics:

*F. G. Person, A. M., *Head of Dept.*
*G. Z. Dimitroff, M. A., *Assoc. Prof. Phys.*
*F. P. Goeder, Ph. D., *Assoc. Prof. Phys.*
*Mabel A. Hoyt, M. S., *Instr. Phys.*
*George Pressnel, M. S., *Instr. Phys.*

Veterinary Medicine:

*†I. E. Newsom, B. S., D. V. S., *Dean of Div. Head Dept. of Path. and Bact.*
*†G. H. Glover, M. S., D. V. M., *Dean Emeritus.*
*R. F. Bourne, B. S., D. V. S., *Head Dept. of Vet. Physiol.*
*James Farquharson, D. V. M., *Head Dept. of Vet. Med.*
*H. E. Kingman, B. S., D. V. S., M. D. V., *Head Dept. of Vet. Surg.*
†Floyd Cross, B. S., D. V. M., *Assoc. in Vet. Path.*

Veterinary Medicine—Continued.

*J. C. Flint, D. V. M., *Asst. Prof. Vet. Med.*
*D. P. Glick, M. A., *Asst. Prof. Bact.*
*†A. H. Groth, D. V. M., *Asst. Prof. Physiol.; Asst. Path.*
*†B. R. McCrory, D. V. M., M. S., *Asst. Prof. and Asst. in Vet. Path.*
†H. W. Reuszer, Ph. D., *Assoc. Bact.*
‡E. N. Stout, D. V. S., *Ext. Vet.*
*†Ada M. Vandewark, A. B., *Asst. Vet. Path.*

Miscellaneous:

*Charlotte A. Baker, B. S., *Libr.*

Substations:

Arkansas Valley Substa., *P. O., Rocky Ford*—Herman Fauber, M. S., *Asst. Hort. in charge.*
Cheyenne Wells Substa., *P. O., Cheyenne Wells*— ——— ———
Fort Lewis Substa., *P. O., Hesperus*—D. W. Koonce, M. S., *Asst. in Plant Indus.*
Mountain Vegetable Substa., *P. O., Avon*—Ralph Manuel, B. S., *Asst. Hort. in charge.*
Orchard Substa., *P. O., Austin*—F. M. Green, B. S., *Asst. Hort.* (*Chief Deputy State Hort.*).

CONNECTICUT

Connecticut State College and the Storrs Agricultural Experiment Station, *Storrs* **(telegraph address,** *Storrs,* **via** *Willimantic;* **railroad station and express address,** *Willimantic*)

*College faculty. †Station staff. ‡Extension staff.

*C. C. McCracken, Ph. D., *President.*
*C. B. Gentry, B. S. Ed., M. S., *Dir. of Resident Instruction.*
†W. L. Slate. B. Sc., *Dir. of Sta.*
‡B. W. Ellis, B. S., *Dir. of Ext. Service.*

Agronomy:

Director Slate, *Sta. Agron.*
*†Henry Dorsey, Ph. D., *Prof. and Asst. Agron.* (*Chair.*).
†B. A. Brown, M. S., *Assoc. Agron.*
†R. I. Munsell, M. S., *Research Asst. in Agron.*
†‡J. S. Owens, M. S., *Asst. and Ext. Agron.*

Animal Diseases:

†L. F. Rettger, Ph. D., *Bact. in An. Diseases* (*P. O., New Haven*).
†R. K. Cole, B. S., *Research Asst. in An. Diseases.*
†S. E. Hartsell, Ph. D., *Research Asst. in An. Diseases.*
*†E. L. Jungherr, Ph. D., D. V. S., *Prof. and Assoc. in An. Path.*
†W. N. Plastridge, Ph. D., *Assoc. Bact. in An. Diseases.*
†A. F. Schulze, M. S., *Asst. Zool.*

Animal Husbandry:

*H. L. Garrigus, B. Agr., *Prof. An. Husb., Supt. Gilbert Farm.*
*‡W. B. Young, M. S., *Asst. Prof. and Ext. An. Husb.*

Bacteriology:

*W. L. Kulp, Ph. D., *Prof. Bact.*
*Christie J. Mason, B. Agr., *Instr. Bact.*
*V. E. White, A. B., *Instr. Bact.*

Botany:

*G. S. Torrey, A. M., *Prof. Bot.*
*H. E. Hill, Ph. D., *Asst. Instr. Bot.*
*D. G. Steele, Ph. D., *Asst. Prof. Genetics.*
*R. H. Wallace, Ph. D., *Asst. Prof. Bot.*

Chemistry:

*H. D. Newton, Ph. D., *Prof. Chem.*
†H. J. Fisher, Ph. D., *Chem.* (*P. O., New Haven*).
*W. B. Cook, Ph. D., *Asst. Prof. Chem.*
*E. R. Kline, M. S., *Asst. Prof. Chem.*
*H. S. Schwenk, M. S., *Assoc. Prof. Chem.*

Dairy Industry:

*†G. C. White, M. A., *Prof. Dairy Indus.; Dairy Husb. Dean Div. of Agr.*
*†E. O. Anderson, M. S., *Assoc. Prof and Asst. Dairy Husb.*
*†R. E. Johnson, M. S., *Assoc. Prof. and Asst. Dairy Husb.*
‡A. I. Mann, M. S., *Asst. Ext. Dairyman.*
‡A. R. Merrill, B. S., *Ext. Dairyman.*
†F. J. Weirether, B. S., *Research Asst. in Dairy Indus.*

Economics:

*†‡I. G. Davis, B. A., *Prof. Agr. Econ.; Agr. Econ.*
*W. H. Carter, Jr., Ph. D., *Asst. Prof. Econ.*

[1] On leave.

Economics—Continued.

†‡G. B. Clarke, Ph. D., *Asst. and Asst. Ext. Econ.*
*E. H. Gumbart, Pd. D., *Asst. Prof. Econ.*
†D. O. Hammerberg, M. S., *Asst. Econ.*
*‡W. S. Middaugh, M. S., *Asst. Prof. and Asst. Ext. Econ., Farm Mgt.*
*‡E. A. Perregaux, Ph. D., *Prof. and Ext. Econ.*
‡P. L. Putnam, M. S., *Ext. Econ., Farm Mgt.*
*†L. A. Salter, Jr., B. S., *Instr. and Research Asst. in Econ.*
†‡Mildred B. Smith, *Statistician.*
*C. G. Tilton, M. B. A., M. S., *Asst. Prof. Econ.*
*A. E. Waugh, M. S., *Assoc. Prof. Econ.*

Editorial:

*††Walter Stemmons, B. S., *Editor.*
*††Esther Dodge, M. A., *Asst. Editor.*
‡R. F. Attridge, B. S., *Editorial Asst.*

Education:

*C. B. Gentry, B. S. Ed., M. S., *Prof. Ed. and Dean Div. of Teacher Training.*
*P. R. Brammell, Ph. D., *Asst. Prof. Ed.*
*Florien Heiser, Ph. D., *Asst. Prof. Psychology.*
*E. L. Kelly, Ph. D., *Asst. Prof. Psychology.*
*Lillis L. Knappenberger, M. A., *Assoc. Prof. Home Econ. Ed.*

Engineering (Agr.):

*‡H. E. Pinches, M. S. *Instr. and Ext. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[1]

Director Ellis, *in charge.*
‡A. W. Manchester,[2] B. Agr., A. B., *Asst. Dir.*
‡Edith L. Mason, B. S., *State Home Dem. Leader.*
‡A. J. Brundage, *State Club Leader.*
‡T. W. Cocks, M. S., *Asst. State Club Agt.*
‡Kathryne M. Strouse, B. S., *Asst. State Club Agt.*
‡Elsie Trabue, B. S., *Asst. State Club Leader.*

Farm Management:

*A. W. Manchester,[2] B. Agr., A. B., *Prof. Farm Mgt.*

Forestry:

*A. E. Moss, M. F., *Prof. For.*
*‡J. A. Gibbs,[2] M. S., *Asst. Prof. and Ext. For.*

Genetics:

†Walter Landauer, Ph. D., *Geneticist.*
†L. C. Dunn, Sc. D., *Consult. Geneticist.*
†Mrs. Lorna T. David, Ph. D., *Asst. Geneticist.*

Genetics—Continued.

†P. R. David, M. S., *Research Asst. in Genetics.*

Home Economics:

*Mildred P. French, A. M., *Prof. and Dean of Div.*
†Elizabeth V. W. Clapp, B. A., *Home Econ.*
‡Mrs. Marion E. Dakin, B. S., *Ext. Nutr.*
*Nellie A. Gard, A. M., *Asst. Prof. Home Econ.*
*Mary Heitsch, A. M., *Asst. Prof. Home Econ.*
*Marie G. Lundberg, A. M., *Prof. Home Econ.*
‡Lisbeth Macdonald, R. N., *Ext. Specialist in Rural Health.*
*E. Charlotte Rogers, Ph. D., *Asst. Prof. Home Econ.*
‡Gladys E. Stratton, B. S., *Ext. Specialist in Home Mgt.*
‡Ellen Van Cleef, B. S., *Ext. Specialist in Clothing.*

Horticulture:

*S. P. Hollister, B. S., *Prof. Hort.*
*C. O. Dunbar, B. S., *Asst. Instr. Pomol.*
*R. H. Patch, M. S., *Assoc. Prof. Flor.*
*H. O. Perkins, B. S., *Instr. Landsc. Gard.*
*A. M. Porter, M. S., *Instr. Veg. Gard.*
‡H. A. Rollins, M. S., *Ext. Fruit Specialist.*
‡A. E. Wilkinson, M. S., *Ext. Specialist in Veg. and Landsc. Gard.*

Physics:

*F. A. Ferguson, A. M., *Prof. Phys.*
*W. H. Kinsey, M. A., *Asst. Prof. Phys.*

Poultry Husbandry:

*†W. F. Kirkpatrick, M. S., *Prof. Poultry Husb.; Poultry Husb.*
‡R. E. Jones, *Ext. Poultryman.*
‡G. A. Miles, B. S., *Asst. Ext. Poultryman.*
*D. E. Warner, Jr., B. S., *Assoc. Prof. Poultry Husb.*

Sociology:

*J. L. Hypes, Ph. D., *Prof. Sociol.; Sociol.*
*V. A. Rapport, Ph. D., *Asst. Prof. Sociol.*
†N. L. Whetten, Ph. D., *Asst. Sociol.*

Zoology:

*‡L. B. Crandall, B. S., *Prof. Apiculture and Ext. Apiarist.*
*H. S. Belding, B. A., *Instr. Zool.*
*R. M. DeCoursey, Ph. D., *Assoc. Prof. Zool.*
*J. A. Manter, B. S., *Assoc. Prof. Ent.*
*D. G. Steele, Ph. D., *Asst. Prof. Genetics.*

Miscellaneous:

*Paul Alcorn, B. A., *Libr.*
*‡D. E. Noble, B. S., *Mgr. of Radio Sta.*

Connecticut (State) Agricultural Experiment Station, *New Haven*

†Station staff.

†W. L. Slate, B. Sc., *Director.*

Analytical Chemistry:

†E. M. Bailey, Ph. D., *Chem. in charge.*
†V. L. Churchill, *Sampling Agt.*
†H. J. Fisher, Ph. D., *Asst. Chem.*
†W. T. Mathis, *Asst. Chem.*

Analytical Chemistry—Continued.

†O. L. Nolan, *Asst. Chem.*
†F. C. Sheldon, *Lab. Asst.*
†C. E. Shepard, *Asst. Chem.*
†D. C. Walden, B. S., *Asst. Chem.*

---

[1] For subject-matter workers see the respective division; i. e., agronomy, animal diseases, etc.
[2] On leave.

Biochemistry:
†H. B. Vickery, Ph. D., *Biochem. in charge.*
†Rebecca B. Hubbell, Ph. D., *Asst. Biochem.*
†C. S. Leavenworth, Ph. B., *Asst. Chem.*
†L. B. Mendel, Ph. D., Sc. D., *Research Assoc. (Yale Univ.).*
†L. S. Nolan, *Gen. Asst.*
†G. W. Pucher, Ph. D., *Asst. Biochem.*
†A. J. Wakeman, Ph. D., *Asst. Chem.*

Botany:
†G. P. Clinton, Sc. D., *Bot. in charge.*
†A. A. Dunlap, Ph. D., *Asst. Mycol.*
†Florence A. McCormick, Ph. D., *Path.*
†A. D. McDonnell, *Gen. Asst.*
†E. M. Stoddard, B. S., *Pomol.*

Entomology:
†W. E. Britton, Ph. D., Sc. D., *Ent. in charge (State Ent.).*
†J. T. Ashworth, *Deputy in charge Gypsy Moth Control.*
†R. C. Botsford, *Deputy in charge Mosquito Elimination.*
†R. B. Friend, Ph. D., *Asst. Ent.*
†Philip Garman, Ph. D., *Asst. Ent.*
†J. P. Johnson, B. S., *Deputy in charge Japanese Beetle Quarantine (Coop. U. S. D. A.).*
†Neely Turner, M. A., *Asst. Ent.*
†B. H. Walden, B. Agr. *Asst. Ent.*
†M. P. Zappe, B. S., *Asst. Ent.*

Forestry:
†W. O. Filley, *For. in charge.*
†H. W. Hicock, M. F., *Asst. For.*
†A. R. Kienholz,[1] Ph. D., *Plant Physiol.*
†J. E. Riley, Jr., M. F., *in charge Blister Rust Control (Coop. U. S. D. A.).*

Genetics:
†D. F. Jones, Sc. D., *Geneticist in charge.*
†L. C. Curtis, B. S., *Asst. in Genetics.*
†C. H. K. Mayhew, *Gen. Asst.*
†W. R. Singleton, Sc. D., *Assoc. Geneticist.*

Soils:
†M. F. Morgan, M. S., *Agron. in charge.*
†D. B. Downs, *Gen. Asst.*
†H. G. M. Jacobson, M. S., *Assoc. Agron.*
†H. A. Lunt, Ph. D., *Asst. in For. Soils.*

Miscellaneous:
†Louise M. Brautlecht, *Libr.*
†Katherine M. Palmer, B. Litt., *Editor.*

Substations:
Tobacco Substa., *P. O., Windsor*—
P. J. Anderson, Ph. D., *Path. in charge.*
O. E. Street, Ph. D., *Plant Physiol.*
T. R. Swanback, M. S., *Agron.*

DELAWARE

School of Agriculture and the Agricultural Experiment Station of the University of Delaware, *Newark*

*College faculty. †Station staff. ‡Extension staff.

*Walter Hullihen, Ph. D., D. C. L., LL. D., *President of University.*
*†‡C. A. McCue, B. S., *Dean School of Agr., Dir. of Sta., Dir. of Ext. Service.*

Agronomy:
*†G. L. Schuster, M. S., *Prof. Agron.; Agron.*
*†H. C. Harris, Ph. D., *Asst. Prof. and Asst. Agron.*
†C. E. Phillips, M. S., *Asst. Agron.*

Animal Industry:
*†C. C. Palmer, D. V. M., M. S., *Prof. Bact. and Hyg.; Consult. Vet.*
*T. A. Baker, Ph. D., *Prof. An. Husb.*
†A. E. Tomhave, M. S., *Poultry Research and An. Husb.*
*J. C. Kakavas, Ph. D., *Instr. Bact.*
†C. W. Mumford, *Asst. Poultry Husb.*
‡H. S. Palmer, B. S., *Poultry Specialist.*

Chemistry:
†A. A. Horvath, Ph. D., *Chief Chem.*
†G. L. Baker, M. S., *Asst. Chem.*
†G. M. Gilligan, M. S., *Asst. Chem.*
†M. W. Goodwin, B. S., *Asst. Chem.*

Economics (Agr.):
†M. M. Daugherty, M. S., *Agr. Econ.*
†R. O. Bausman, Ph. D., *Asst. Agr. Econ.*
†H. S. Gabriel, Ph. D., *Asst. Agr. Econ.*

Education (Agr.):
*R. W. Heim, A. M., *Prof. Voc. Agr. Ed.*

Entomology:
†‡L. A. Stearns, Ph. D., *Ent.*
†‡Donald MacCreary, M. S., *Asst. Ent.*

Extension (Admin.): [2]
Director McCue *in charge.*
‡A. D. Cobb, B. S., *Asst. Dir.*
‡Mrs. Helen V. McKinley, B. S., *State Home Dem. Leader.*

Home Economics:
*Amy Rextrew, M. A., *Prof. Home Econ.*[3]
*Henrietta Fleck, M. S., *Instr. Home Econ.*[3]
*Elizabeth G. Kelly, M. A., *Asst. Prof. Home Econ.*[3]
‡Pearl MacDonald, A. M., *Nutr. Specialist.*

Horticulture:
Dean McCue, *Head of Dept.*
*†L. R. Detjen, M. S., *Prof. and Assoc. Hort.*
†F. S. Lagassé, Ph. D., *Research Hort.*
*†L. H. Strubinger, B. S., *Instr. and Asst. Hort.*

Plant Pathology:
*†‡T. F. Manns, Ph. D., *Prof. Plant Path. and Soil Bact.; Plant Path. and Soil Bact.*
†‡J. F. Adams, Ph. D., *Assoc. Plant Path. and Specialist in Truck Crops and Plant Diseases.*

Miscellaneous:
*†‡Mrs. Florence E. Fader, *Secy.*
†‡Freda E. Ritz, *Libr.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[3] Courses given in the Women's College.

State College for Colored Students, *Dover*

*Agricultural faculty.

*R. S. Grossley, B. S., LL. D., *President.*
*T. A. Jeter, B. S., *Dir. of Agr.*

*Florence G. Brooks, M. A., *Instr. Home Econ.*
*Beulah E. Burke, A. B., *Instr. Dom. Sci.*
*M. Mildred Collins, B. S., *Instr. Dom. Art.*
*Mrs. Helen B. Grossley, A. M., *Dir. Home Econ.*
*Mrs. Nell C. Jefferson, *Libr.*
*H. F. Taylor, B. S., *Instr. Agr.*
*Edith I. Valentine, B. S., *Dir. Teacher Training.*

FLORIDA

College of Agriculture and the Agricultural Experiment Station of the University of Florida, *Gainesville*

*College faculty. †Station staff. ‡Extension staff.

*J. J. Tigert, M. A., LL. D., Ed. D., D. C. L., D. Litt., L. H. D., *President of University.*
*†‡Wilmon Newell, M. S., D. Sc., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service.*
*W. L. Floyd, M. S., *Asst. Dean Coll. of Agr. (Admin.).*
*†H. H. Hume, B. Agr., M. S., *Asst. Dean Coll. of Agr. (Research) and Asst. Dir. of Sta. (Research).*
†Harold Mowry, M. S., *Asst. Dir. of Sta. (Admin.).*
‡A. P. Spencer, M. S., *Vice Dir. of Agr. Ext. Service.*

Agronomy:

†W. E. Stokes, M. S., *Head of Sta. Dept.*
*O. C. Bryan, Ph. D., *Head of Coll. Dept. Prof. Soils.*
†J. P. Camp, M. S., *Asst. Agron.*
†W. A. Carver, Ph. D., *Assoc. Agron.*
†F. H. Hull, Ph. D., *Assoc. Agron.*
†W. A. Leukel, Ph. D., *Agron.*
†G. E. Ritchey, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
*P. H. Senn, Ph. D., *Asst. Prof. Farm Crops and Genetics.*
‡J. L. Smith, *Ext. Agron.*

Animal Husbandry and Dairying:

*†A. L. Shealy, B. S., D. V. M., *Prof. Vet. Sci. and An. Husb. Head of Sta. Dept.*
*C. H. Willoughby, B. Agr., M. A., *Prof. An. Husb. and Dairying.*
†P. T. D. Arnold, B. S., *Asst. Dairy Husb.*
†R. B. Becker, Ph. D., *Dairy Husb.*
‡H. L. Brown, B. S., *Ext. Dairyman.*
†M. W. Emmel, M. S., D. V. M., *Asst. Vet.*
†W. W. Henley, B. S., *Asst. An. Husb.*
†W. M. Neal, Ph. D., *Assoc. in An. Nutr.*
†D. A. Sanders, B. S., D. V. M., *Vet.*
‡W. J. Sheely, B. S., *Ext. An. Husb.*

Botany and Bacteriology:

*M. D. Cody, M. A., *Prof. Bot. and Bact.*
†Lillian E. Arnold, M. S., *Asst. Bot.*
*W. R. Carroll, Ph. D., *Asst. Prof. Bot. and Bact.*

Chemistry (Agr.):

†R. W. Ruprecht, Ph. D., *Head of Sta. Dept.*
*A. P. Black, Ph. D., *Prof. Agr. Chem.*
†R. M. Barnette, Ph. D., *Chem.*
†C. E. Bell, Ph. D., *Assoc. Chem.*
†H. W. Jones, M. S., *Asst. Chem.*
†E. R. Purvis, Ph. D., *Asst. Chem. (Celery Invest.; P. O. Sanford).*
†H. W. Winsor, B. S., *Asst. Chem.*

Economics (Agr.):

*†‡C. V. Noble, Ph. D., *Head of Dept.*
*‡J. E. Turlington,[1] Ph. D., *Prof. and Ext. Agr. Econ.*
‡F. W. Brumley, M. S., *Ext. Econ., Farm Mgt.*
*H. G. Hamilton, Ph. D., *Prof. Mktg.*
‡R. H. Howard, M. S., *Asst. Ext. Econ.*
†Bruce McKinley, B. S., *Assoc. Agr. Econ.*
*J. W. Reitz, B. S., *Asst. Prof. Agr. Econ.*
†Zach Savage, M. S., *Assoc. Agr. Econ.*
†A. H. Spurlock, M. S., *Asst. Agr. Econ.*
‡D. E. Timmons, M. S., *Ext. Econ., Mktg.*

Editorial:

†‡J. F. Cooper, M. S., *Editor.*
†‡R. M. Fulghum, B. S., *Asst. Editor.*
‡Jefferson Thomas, *Asst. Editor.*

Education (Agr.):

*E. W. Garris, Ph. D., *Prof. Agr. Ed.*

Engineering (Agr.):

*Frazier Rogers, M. S., *Prof. Agr. Engin.*

Entomology:

†J R. Watson, M. A., *Head of Sta. Dept.*
†H. E. Bratley, M. S., *Asst. Ent.*
*J. T. Creighton, M. S., *Asst. Prof. Ent. and Plant Path.*
†A. G. B. Fairchild, M. S., *Asst. Ent. (P. O., Monticello).*
†C. C. Goff, M. S., *Asst. Ent. (P. O., Leesburg).*
†J. W. Kea, B. S., *Asst. Ent.*
†A. N. Tissot, Ph. D., *Assoc. Ent.*
†J. W. Wilson, Sc. D., *Assoc. Ent. (P. O., Leesburg).*

Extension (Admin.):[2]

Director Newell *in charge.*
‡A. P. Spencer, M. S., *Vice Dir. and County Agt. Leader.*
‡A. Flavia Gleason, *State Home Dem. Agt. (P. O., Tallahassee).*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry and dairying, etc.

Extension (Admin.)—Continued.

‡R. W. Blacklock, A. B., *State Club Leader.*
‡H. G. Clayton, M. S., *Dist. Agt.*
‡W. E. Evans, B. S., *Asst. Dist. Agt.*
‡Ruby McDavid, *Dist. Agt.* (*P. O., Tallahassee*).
‡W. T. Nettles, B. S., *Dist. Agt.*
‡Lucy B. Settle, B. S., *Dist. Agt.*
‡Anna M. Sikes, B. S., *Actg. Dist. Home Dem. Agt.* (*P. O., Tallahassee*).
‡J. L. Smith, *Dist. Agt.*

Home Economics:

†Ouida D. Abbott, Ph. D., *Head of Sta. Dept.*
†C. F. Ahmann,[1] Ph. D., *Physiol. in Home Econ. Research.*
†L. W. Gaddum, Ph. D., *Biochem. in Home Econ. Research.*
‡Eva R. Culley, B. S., *Actg. Ext. Nutr.* (*P. O., Tallahassee*).
‡Virginia P. Moore, *Home Improvement Specialist* (*P. O., Tallahassee*).
‡Isabelle S. Thursby, B. S., *Ext. Econ. in Food Conservation* (*P. O., Tallahassee*).

Horticulture:

*W. L. Floyd, M. S., *Prof. Ornamentals and For.*
†A. F. Camp, Ph. D., *Head of Sta. Dept.*
*C. E. Abbott, M. S., *Prof. Hort.*
†G. H. Blackmon, M. S., *Hort.*
†F. S. Jamison, Ph. D., *Truck Hort.*
†A. L. Stahl, Ph. D., *Assoc. Hort.*
*J. V. Watkins, M. S., *Asst. Hort.*

Plant Pathology:

†W. B. Tisdale, Ph. D., *Head of Sta. Dept.*
†A. N. Brooks, Ph. D., *Plant Path.* (*Strawberry Invest.: P. O., Plant City*).
‡E. F. DeBusk, B. S., *Ext. Citriculturist.*
†A. H. Eddins, Ph. D., *Plant Path.* (*P. O., Hastings*).
†D. G. A. Kelbert, *Asst. Plant Path.* (*P. O., Bradenton*).
†K. W. Loucks, M. S., *Asst. Plant Path.* (*P. O., Leesburg*).
†R. E. Nolen, M. S., *Asst. Plant Path.* (*Strawberry Invest.: P. O., Plant City*).
†A. S. Rhoads, Ph. D., *Plant Path.* (*P. O., Cocoa*).
†W. B. Shippy, Ph. D., *Assoc. Plant Path.* (*P. O., Leesburg*).
†R. K. Voorhees, M. S., *Asst. Plant Path.*
†M. N. Walker, Ph. D., *Plant Path.* (*P. O., Leesburg*).

Plant Pathology—Continued.

†G. F. Weber, Ph. D., *Plant Path.*
†Erdman West, M. S., *Mycol.*

Poultry Husbandry:

*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
‡N. R. Mehrhof, B. S., M. Agr., *Ext. Poultryman.*
‡E. F. Stanton, *Supvr. Egg-Laying Contest* (*P. O., Chipley*).

Rodent Control:

‡Carlyle Carr, B. S., *Ext. Biol.* (*Coop. U. S. D. A.*).

Veterinary Science—See **Animal Husbandry:**

Miscellaneous:

†Mrs. Ida K. Cresap, *Libr.*
*†‡K. H. Graham, *Business Mgr.*
*A. W. Leland, *Farm Foreman.*
†‡Ruby Newhall, *Admin. Mgr.*
†Henry Zeigler, *Farm Foreman.*

Substations:

Citrus Expt. Sta., *P. O., Lake Alfred*—
J. H. Jefferies, *Supt.*
B. R. Fudge, Ph. D., *Assoc. Chem.*
W. A. Kuntz, M. S., *Assoc. Plant Path.*
G. D. Ruehle, Ph. D., *Plant Path.*
W. L. Thompson, B. S., *Asst. Ent.*

Everglades Expt. Sta., *P. O., Belle Glade*—
R. V. Allison,[1] Ph. D., *Soils Specialist, in charge.*
Adrian Daane, Ph. D., *Agron.*
R. W. Kidder, B. S., *Asst. An. Husb.*
R. N. Lobdell, M. S., *Ent.*
J. R. Neller, Ph. D., *Biochem.*
R. E. Robertson, B. S., *Asst. Soil Chem.*
F. D. Stevens, B. S., *Agron.*
G. R. Townsend, Ph. D., *Assoc. Plant Path.*

North Florida Expt. Sta., *P. O., Quincy*—
L. O. Gratz, Ph. D., *Plant Path. in charge.*
R. M. Crown, B. S. *Asst. Agron.*
R. R. Kincaid, Ph. D., *Assoc. Plant Path.*
Jesse Reeves, *Farm Supt.*
J. D. Warner, M. S., *Assoc. Agron.*

Subtropical Expt. Sta., *P. O., Homestead*—
H. S. Wolfe, Ph. D., *Hort. in charge.*
W. M. Fifield, M. S., *Asst. Hort.*
S. O. Hawkins, M. A., *Asst. Plant Path.*

Florida Agricultural and Mechanical College for Negroes, *Tallahassee*

*Agricultural faculty. ‡Extension staff.

*J. R. E. Lee, A. M., LL. D, *President.*
*B. L. Perry, B. S., *Dean Div. of Agr., Assoc. Prof. Hort. and Landsc. Gard.*

*Jennie E. Baker, B. S., *Libr.*
*J. C. Baldwin, B. S., *Asst. Prof. Agron. and Soils.*
*Irma L. Coleman, B. S., *Instr. Foods and Household Econ.*
*George Conoly, B. S., *Instr. Voc. Agr.*
*Ethel M. Griggs, M. S., *Dean Div. of Home Econ.*
*C. S. Holmes, M. S., *Asst. Prof. Chem. and Phys.*
*W. M. King, B. S., *Asst. Prof. Hort. and Landsc. Gard.*
*Marie F. McMillan, B. S., *Prof. Clothing.*
*Evanel E. Renfrow, B. S., *Instr. Foods.*
*R. L. Reynolds, B. S., *Prof. Agr. Ed.*
*J. E. Sanford, *Instr. Poultry and Gen. Agr.*
*Rheva A. Speaks, R. N., *Supt. of Nurses.*
‡A. A. Turner, *State Dem. Agt. for Men.*

[1] On leave.

GEORGIA

College of Agriculture of the University of Georgia, *Athens*

*College faculty. ‡Extension staff.

*S. V. Sanford, A. B., Litt. D., LL. D., *President of University.*
*P. W. Chapman, M. S., *Dean Coll. of Agr.*
‡H. L. Brown, B. S., *Dir. of Agr. Ext.*
*T. H. McHatton, M. Hort., Sc. D., *Dir. of Teaching.*

Agronomy:

*J. R. Fain, Sc. D., *Prof. and Head of Dept.*
‡E. D. Alexander, M. S., *Ext. Agron.*
‡R. R. Childs, M. S., *Ext. Agron.*
*W. O. Collins, B. S., *Assoc. Prof. Agron.*
*G. A. Crabb,[1] M. S., *Prof. Agron. in charge Soils.*
*D. L. Floyd, B. S., *Agr. Statistician (Coop. U. S. D. A.).*
*Archie Langley, B. S., *Asst. Agr. Statistician (Coop. U. S. D. A.).*
*A. D. Stuart, M. S., *Asst. Prof. Agron.*
*P. O. Vanatter, *Supt. Field Expts.*
‡E. C. Westbrook, M. S., *Cotton and Tobacco Specialist.*

Animal Husbandry:

*M. P. Jarnagin, M. Agr., Sc. D., *Prof. and Head of Dept.*
*F. W. Bennett, M. S., *Assoc. Prof. An. Husb.*
‡F. W. Fitch, B. S., *Ext. Dairyman.*
‡L. H. Marlatt, *Ext. Dairyman.*
*W. S. Rice, M. S., *Prof. An. Husb.*
*A. G. G. Richardson, V. M. D., *Prof. An. Husb.*

Bacteriology:

*W. C. Burkhart, B. S., D. V. M., *Prof. Bact.*

Botany:

*J. M. Reade, Ph. D., *Prof. Bot.*

Chemistry (Agr.):

*L. M. Carter, B. S., *Prof. Agr. Chem.*
*H. T. Coggin, Ph. D., *Asst. Prof. Agr. Chem.*
*C. N. Wilder, M. S., *Prof. Agr. Chem.*

Economics (Rural Organization and Marketing):

*J. W. Firor, M. S., *Prof. and Head of Dept.*
*J. W. Fanning, M. S., *Assoc. Prof. Rural Organ. and Mktg.*
‡C. G. Garner, B. S., *Ext. Econ.-Mktg.*
‡W. A. Minor, Jr., B. S., *Ext. Econ.-Farm Mgt.*
‡Mrs. Leila R. Mize, M. S., *Ext. Econ.-Mktg. (Home Products).*
‡R. J. Richardson, B. S., *Ext. Econ.-Mktg. (Poultry: P. O., Tifton).*

Editorial and Publications:

*E. A. Lowe,[1] B. S., *Dir. Pubs. and Placement.*[2]
‡C. W. Summerour, B. S., *Ext. Editor.*
‡Laura E. Blackshear, *Illustrator.*

Education (Rural):

*J. T. Wheeler, Ph. D., *Prof. and Head of Dept.*
*O. C. Aderhold, M. S., *Assoc. Prof. Rural Ed.*

Engineering (Agr.):

*R. H. Driftmier, M. S., A. E., *Prof. and Head of Dept.*
*W. N. Danner, Jr., M. S. A. E., *Asst. Prof. Agr. Engin.*
*U. H. Davenport, B. S., *Assoc. Prof. Agr. Engin.*
‡G. I. Johnson, B. S., A. E., *Ext. Agr. Engin. (P. O., Tifton).*
*‡F. W. Peikert, M. S., *Asst. Prof. and Ext. Agr. Engin.*

Extension (Admin.):[3]

Director Brown *in charge.*
‡J. A. Evans, *Admin. Asst.*
‡Lurline Collier, B. S., *State Home Dem. Agt.*
‡G. V. Cunningham, B. S., *State Leader 4-H Clubs.*
‡A. S. Bussey, B. S., *Asst. State Leader 4-H Clubs (P. O., Tifton).*
‡Lucille Turner, B. S., *Asst. State Leader 4-H Clubs.*
‡J. G. Oliver, B. S., *State Leader Community Dem. Work.*
‡T. L. Asbury, B. S., *Dist. Agt.*
‡W. S. Brown, B. S., *Dist. Agt. (P. O., Tifton).*
‡Lula Edwards, B. S., *Dist. Agt.*
‡J. A. Johnson, B. S., *Dist. Agt. (P. O., Tifton).*
‡Rosa McGee, B. S., *Dist. Agt. (P. O., Tifton).*
‡L. I. Skinner, B. S., *Dist. Agt.*

Forestry:

*G. D. Marckworth, B. S., M. F., *Prof. and Head of Dept.*
‡DuPre Barrett, B. S. F., *Ext. For.*
*B. F. Grant, M. S. F., *Assoc. Prof. For.*
*T. B. McKeithen, M. F., *Instr. For.*
*A. J. Streinz, B. S. F., *Assoc. Prof. For.*
‡K. S. Trowbridge, B. S. F., *Coop. Agt. Naval Stores (P. O., Tifton).*

Home Economics:

*Mary E. Creswell, B. S., *Dir. of Home Econ.*
*Mrs. Leland Alexander, B. S., *Assoc. Prof. Institutional Mgt., in charge Cafeteria.*
*Bess M. Baird, A. M., *Prof. Home Econ.*
*Mrs. Margaret H. Blair, A. M., *Asst. Prof. Home Econ.*
‡Willie V. Dowdy, B. S., *Ext. Econ. (Home Improvement).*
*Irma M. Hicks, M. A., *Asst. Prof. Home Econ.*
‡Katherine Lanier, B. S., *Food Preservation and Utilization Specialist.*
‡Susan Mathews, M. A., *Ext. Nutr.*
*Elizabeth Mayes, B. S., *Asst. Prof. Home Econ.*
‡Martha I. McAlpine, A. B., *Specialist in Rural Social Life.*

---

[1] On leave.
[2] In cooperation with the Georgia experiment station.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

‡Frances A. McLanahan, B. S., *Clothing Specialist.*
*Mrs. Pearl C. Moon, A. M., *Asst. Prof. Home Econ.*
*Catherine Newton, M. S., *Assoc. Prof. Home Econ.*
*Erna E. Proctor,[1] M. A., *Prof. Home Econ.*
*Elizabeth Todd, M. A., *Prof. Home Econ.*

Horticulture:

*T. H. McHatton, M. Hort., Sc. D., *Prof. and Head of Dept.*
‡G. H. Firor, B. S., *Ext. Hort.*
*T. J. Harrold, Ph. D., *Asst. Prof. Hort.*
‡H. W. Harvey, B. S., *Ext. Hort. (Landsc.).*
*R. L. Keener, M. S., *Assoc. Prof. Hort.*

Plant Pathology and Plant Breeding:

*J. H. Miller, Ph. D., *Head of Dept.*

Poultry Husbandry:

*F. E. Mitchell, B. S., *Prof. and Head of Dept.*
*J. C. Bell, B. S., *Asst. Prof. Poultry Husb.*
‡A. F. Gannon, M. S., *Ext. Poultryman.*

Miscellaneous:

*Nelle M. Reese, *Libr.*

Georgia Experiment Station, *Experiment* (telegraph and express address, *Griffin*)

†Station staff.

†H. P. Stuckey, B. S., *Director, Hort.*
†B. B. Higgins, Ph. D., *Asst. Dir.*

Agronomy:

†R. P. Bledsoe, M. S., *Agron.*
†W. T. Fullilove, B. S., *Cotton Mktg. Invest. (Coop. U. S. D. A.).*
†S. J. Hadden, *Asst. Agron.*
†G. A. Hale, M. A., *Asst. Agron.*
†L. H. Jones, *Agron. Foreman.*
†N. M. Penny, B. S., *Asst. in Cotton Mktg. (Coop. U. S. D. A.).*
†R. G. Pridmore, B. S., *Asst. Agron.*
†S. V. Stacy, M. S., *Asst. Agron.*

Animal Industry:

†F. R. Edwards, M. S., *An. Husb.*
†B. M. Jackson, *Asst. An. Husb.*
†Z. A. Massey, B. S., *Asst. An. Husb.*

Botany:

†B. B. Higgins, Ph. D., *Bot. and Plant Path.*
†W. A. Jenkins, Ph. D., *Asst. Bot.*
†Frank Van Haltern, M. S., *Assoc. Bot.*

Chemistry:

†K. T. Holley, B. S., *Chem.*
†W. L. Brown, B. S., *Asst. Chem.*
†T. G. Dulin, A. B., *Asst. Chem.*
†T. A. Pickett, M. S., *Asst. Chem.*

Editorial:

†E. A. Lowe, B. S., *Editor.*[2]

Entomology:

†T. L. Bissell, B. S., *Asst. Ent.*

Home Economics:

†Leah Ascham, Ph. D., *Nutr. Specialist.*
†Dorothy Maddox, B. S., *Nutr. Lab. Asst.*
†Mary Speirs, M. A., *Asst. Home Econ.*

Horticulture:

Director Stuckey *in charge.*
†W. D. Armstrong, B. S., *Asst. Hort.*
†J. E. Bailey, B. S., *Asst. Hort. in charge work at Blairsville.*
†M. M. Murphy, *Chem. Engin.*

Miscellaneous:

†Mrs. Lucile E. Bailey, *Secy.*
†Sarah L. Kilpatrick, *Libr.*

Substations:

Georgia Mountain Branch Sta., *P. O., Blairsville*—Brim Jarrett, *Foreman.*

Georgia Coastal Plain Experiment Station, *Tifton*

†Station staff.

†S. H. Starr, B. S., *Director.*

†Fred Bell, *Farm Supt.*
†J. M. Carr, B. S., *Tobacco Specialist (Coop. U. S. D. A.).*
†A. L. Crittenden, Jr., B. S., *Supt. Branch Sta., P. O., Darien.*
†L. D. Eagles, M. S., *Forage Crop Specialist (Coop. U. S. D. A.).*
†J. G. Gaines, M. S., *Tobacco Path. (Coop. U. S. D. A.).*
†H. S. Garrison, B. S., *Cereal Crop Specialist (Coop. U. S. D. A.).*
†S. A. Parham, B. S., *Agron.*
†B. L. Southwell, M. S., *An. Husb. (Coop. U. S. D. A.).*
†Mrs. Jessie L. Stephens, *Libr.*
†Frank Van Haltern, M. S., *Plant Path. and Truck Crops.*[3]
†J. C. Walters, *Asst. Forage Crop Specialist (Coop. U. S. D. A.).*
†J. G. Whigham, *Asst. An. Husb. (Coop. U. S. D. A.).*
†Otis Woodard, B. S., *Hort.*

Georgia State Industrial College for Colored Youths, University of Georgia, *Industrial College*

*Agricultural faculty. ‡Extension staff.

*B. F. Hubert, B. S., M. A., LL. D., *President.*

‡B. S. Adams, B. S., *Farm Dem. Agt.*
*Anna B. Dixon, B. S., *Dir. Home Econ.*
‡Alexander Hurse, B. S., *State Club Agt.*
*Howard Jackson, *Laundering.*

[1] On leave.
[2] In cooperation with the College of Agriculture.
[3] In cooperation with the Georgia experiment station.

‡Mrs. Mary H. Jones, *Local Dem. Agt.*
‡L. S. Mollette, B. S., *Asst. State Supvr. Agr. Ed.*
*Harriet E. Peeler, B. S., *Clothing.*
*T. N. Roberts, M. S., *Teacher Trainer in Agr.*
*C. S. Ross, M. S., *Dir. of Agr., Soils and Fert., An. Husb.*
‡P. H. Stone, B. S., *State Agt.*
*J. V. Strickland, M. S., *Poultry Husb.*
‡A. A. Tabor, B. S., *State Supvr. Agr. Ed.*
*Robert Thomas, *Farm Supt.*
*Mrs. Ella Washington, B. S., *Clothing.*
‡Camilla Weems, M. S., *Home Dem. Agt.*

HAWAII

University of Hawaii (Divisions of Agriculture and Home Economics) and the Hawaii Agricultural Experiment Station, conducted jointly by the United States Department of Agriculture and the University of Hawaii, *Honolulu*

*College faculty. †Station staff. ‡Extension staff.

*D. L. Crawford, M. A., LL. D., *President of University.*
*A. R. Keller, M. S., *Dean Coll. of Applied Science.*
*R. N. Chapman, Ph. D., *Dean Grad. School of Trop. Agr.*
*†J. M. Westgate, M. S., *Dir. of Agr. Expt. Station. Lect. in Agron. and Trop. Agr.*
‡F. G. Krauss, D. Sc., *Dir. of Agr. Ext. Service.*

Agriculture:
*†L. A. Henke, M. S., *Prof. Agr.; An. Husb.*
†W. T. Pope, D. Sc., *Hort.*
*†‡C. M. Bice, B. S., *Asst. Prof. and Poultry Husb.*
†John Castro, *Plant Propagator.*
*J. L. Collins, Ph. D., *Assoc. Prof. Genetics.*
*†G. W. H. Goo, B. S., *Asst. in An. Husb.*
‡A. S. T. Lund, M. S., *Ext. Econ.*
‡Kenichi Murata, *Ext. Asst. Econ.*
†Makoto Takahashi, B. S., *Asst. in Agron.*
*†H. A. Wadsworth, B. S., *Assoc. Prof. Agr.; Soil Physicist.*
‡S. Wakabayashi, Ph. D., *Veg. Gard. Specialist.*
*†C. P. Wilsie, Ph. D., *Asst. Prof. Agron. and Genetics; Agron.*

Botany:
*Harold St. John, Ph. D., *Prof. Bot.*
*O. N. Allen, Ph. D., *Asst. Prof. Plant Path. and Bact.*
*R. S. Bean, B. S., *Asst. Prof. Bot.*
*F. R. Fosberg, B. A., *Asst. in Bot.*
*Constance Hartt, Ph. D., *Asst. Prof. Bot.*

Chemistry and Sugar Technology:
*F. T. Dillingham, M. A., *Prof. Chem. and Sugar Tech.*
†J. C. Ripperton, M. S., *Chem.*
*E. M. Bilger, Ph. D., *Asst. Prof. Chem.*
†Mrs. Leonora N. Bilger, Ph. D., *Collaborator in Chem. Research.*
†D. W. Edwards, B. S., *Junior Chem.*
*Gilchi Fujimoto, M. S., *Instr. Chem.*
*W. R. McAllep, *Lect. in Sugar Mfg.*
*J. H. Payne, Ph. D., *Instr. Chem.*

Education (Agr.):
*F. E. Armstrong, M. S., *Assoc. Prof. Agr. Ed.*

Entomology—See **Zoology.**

Extension (Admin.):[1]
Director Krauss *in charge.*
‡J. Hazel Zimmerman, B. S., *Asst. Dir. for Home Econ.*

Geology and Geography:
*H. S. Palmer, Ph. D., *Prof. Geol.*
*J. W. Coulter, Ph. D., *Asst. Prof. Geog.*

Home Economics:
*†Carey D. Miller, M. S., *Assoc. Prof. and Specialist in Foods and Nutr.*
*Katherine Bazore, M. A., *Asst. Prof. Home Econ.*
*Elizabeth Cooper, M. A., *Asst. in Home Econ.*
*Anna B. Dahl, *Asst. Prof. Textiles and Design.*
*Ada B. Erwin, B. S., *Lect. in Home Econ.*
*Jana Glenn, B. S., *Instr. Home Econ.*
†Ruth C. Robbins, M. S., *Asst. in Nutr. Invest.*

Physics:
———, *Prof. Phys.*
*W. H. Eller, Ph. D., *Asst. Prof. Phys.*
*H. A. Kirkpatrick, Ph. D., *Asst. Prof. Phys.*
*Iwao Miyake, M. S., *Instr. Phys.*

Sugar Technology—See **Chemistry.**

Zoology and Entomology:
*C. H. Edmondson, Ph. D., *Prof. Zool. and Dir. Marine Biol. Lab.*
*J. M. Ostergaard, *Instr. Zool.*
*‡M. K. Riley, M. S., *Instr. Ent. and Zool.*
*Spencer Tinker, B. S., *Asst. in Zool.*

Miscellaneous:
*Mary P. Pringle, *Libr.*

Substations:
Haleakala Substa., *P. O., Makawao*—H. F. Willey, *Supt.*
Kona Substa., *P. O., Kealakekua*—R. K. Pahau, B. S., *Supt.*

[1] For subject-matter workers see the respective division; i. e., agriculture, botany, etc.

IDAHO

College of Agriculture and the Agricultural Experiment Station of the University of Idaho, *Moscow*

*College faculty. †Station staff. ‡Extension staff.

*M. G. Neale, Ph. D., *President of University.*
*†‡E. J. Iddings, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Div.*
*†C W. Hungerford, Pr. D., *Asst. Dean and Vice Dir. of Sta., Dean of Grad. School.*

Agronomy:
*†H. W. Hulbert, M. S., *Prof. Agron.; Agron.*
†‡Jessie C. Ayres, A. B., *State Seed Analyst (P. O., Boise).*
*†R. E. Bell, M. S., *Asst. Prof. Agron.; Soil Tech.*
*D. H. Daly, B. S., *Instr. Agron.*
‡G. R. McDole, M. A., *Soils Specialist.*
*†C. A. Michels, M. S., *Asst. Prof. and Asst. Agron.*
†‡H. L. Spence, Jr., B. S., *State Seed Comr. and Field Agron. (P. O., Boise).*

Animal Husbandry:
*†C. W. Hickman, M. S., *Prof. An. Husb.; An. Husb.*
†R. F. Johnson, B. S., *Asst. An. Husb. and Asst. in Feeding Invest. (P. O., Caldwell).*
*†‡J. E. Nordby, M. S., *Assoc. Prof. and Asst. An. Husb.*
†‡E. F. Rinehart, M. S., *Assoc. and Ext. An. Husb. (P. O., Boise).*

Bacteriology:
*†W. V. Halversen, Ph. D., *Prof. Bact.; Bact.*
*†V. A. Cherrington, M. S., *Instr. and Asst. Bact.*
†G. S. Schilling, M. S., *Assoc. Bact.*

Botany: [1]
*F. W. Gail, Ph. D., *Prof. Bot.*
*R. A. Diettert, M. S., *Asst. Prof. Bot.*
*L. A. Mullen, Ph. D., *Instr. Bot.*

Chemistry: [1]
*†H. P. Magnuson, M. S., *Assoc. Prof. and Actg. Head Dept. of Agr. Chem.*
†D. W. Bolin, B. S., *Asst. Agr. Chem.*
*L. C. Cady, Ph. D., *Asst. Prof. Chem.*
*W. H. Cone, M. S., *Asst. Prof. Chem.*
*D. D. DuSault, M. S., *Asst. Prof. Chem.*
*J. A. Kostalek, Ph. D., *Prof. Org. Chem.*
*A. W. Martin, M. S., *Instr. Chem.*
†Michael Peech, Ph. D., *Asst. Agr. Chem.*
*†R. S. Snyder, M. S., *Assoc. Prof. and Assoc. Agr. Chem.*
*T. I. Taylor, M. S., *Asst. in Chem.*

Dairy Husbandry:
——— ——— *Prof. Dairy Husb.; Dairy Husb.*
*†J. L. Barnhart, M. S., *Instr. and Asst. Dairy Husb.*
†‡D. L. Fourt, B. S., *Asst. Dairy Husb. and Ext. Dairyman (P. O., Boise).*
*†H. C. Hansen, M. S., *Instr. and Asst. Dairy Husb.*
*†D. R. Theophilus, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
*†T. R. Warren, M. S., *Instr. and Asst. Dairy Husb.*

Economics (Agr.):
†‡P. A. Eke, Ph. D., *Agr. Econ.*
‡E. T. Benson, M. S., *Ext. Agr. Econ. (P. O., Boise).*
‡G. T. Hudson, M. S., *Asst. Ext. Agr. Econ. (P. O., Boise).*
†Carl Tjerandsen, B. S., *Asst. Agr. Econ.*
†H. A. Vogel, M. S., *Asst. Agr. Econ.*
†C. O. Youngstrom, M. S., *Asst. Agr. Econ.*

Editorial:
†O. A. Fitzgerald, M. A., *Agr. Editor.*
‡K. B. Platt, M. S., *Radio Editor.*

Education (Agr.):
*H. E. Lattig, M. S., *Prof. Agr. Ed.*
*C. H. Wiswall, B. S., *Instr. Agr. Ed.*

Engineering (Agr.):
*†Hobart Beresford, B. S., *Prof. Agr. Engin.; Agr. Engin.*
*†E. N. Humphrey, *Asst. in Agr. Engin.*
*†M. R. Kulp, M. S., *Asst. Prof. Agr. Engin.; Irrig.*
*†Harry Miller, M. S., *Instr. and Asst. Agr. Engin.*

Entomology:
*†‡Claude Wakeland, Ph. D., *Prof. Ent.; Ent.*
†T. A. Brindley, M. S., *Asst. Ent. (Coop. U. S. D. A.).*
†R. W. Haegele, M. S., *Asst. Ent. (P. O., Parma).*
*†‡W. E. Shull, Ph. D., *Assoc. Prof. and Asst. Ent.*

Extension (Admin.): [2]
Director Iddings *in charge.*
‡J. H. Rearden, B. S., *County Agt. Leader and State Club Leader.*
‡Marion M. Hepworth, B. S., *State Home Dem. Leader and Nutr. Specialist.*
‡T. B. Murray, *Rodent Control Leader (P. O., Boise).*

Forestry:
‡S. C. Clarke, Ph. C., M. S., *Ext. For.*

Home Economics: [1]
*Katherine Jensen, M. S., *Prof. Home Econ., Dir. Home Econ. Curriculum.*
†Ella Woods, Ph. D., *Home Econ.*
*Mrs. Leah T. Buchanan, B. S., R. N., *Lect. in Home Nursing.*
‡Marjorie Eastman, M. A., *Clothing Specialist (P. O., Boise).*
*Marion Featherstone, M. A., *Instr. Home Econ.*
*Ida Ingalls, M. A., *Asst. Prof. Home Econ.*
*Adah Lewis, M. S., *Assoc. Prof. Home Econ.*
*Iva I. Sell, M. S., *Asst. Prof., State Supvr. and Teacher Trainer in Home Econ.*

---

[1] Courses given in College of Letters and Science.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

*Jessie B. Thornber, M. S., *Supvr. Pract. Teaching in Home Econ.*

Horticulture:

*†Leif Verner, Ph. D., *Prof. Hort.; Hort.*
*†T. R. Ashlee, B. S., *Florist.*
‡E. R. Bennett, M. H., *Ext. Hort. (P. O., Boise).*
*†L. R. Tucker, M. S., *Asst. Prof. and Asst. Hort.*

Plant Pathology:

*†C. W. Hungerford, Ph. D., *Prof. Plant Path.; Plant Path.*
†W. M. Bever, M. S., *Junior Plant Path. (Coop. U. S. D. A.).*
†W. H. Pierce, Ph. D., *Assoc. Plant Path.*
*†J. M. Raeder, M. S., *Assoc. Prof. and Assoc. Plant Path.*
†Ruth E. Remsberg, M. S., *Asst. Plant Path.*

Poultry Husbandry:

*†C. E. Lampman, B. S., *Prof. Poultry Husb.; Poultry Husb.*

Poultry Husbandry—Continued.

‡Pren Moore, *Poultry Specialist (P. O., Boise).*
†J. K. Williams, B. S., *Asst. Poultry Husb.*

Veterinary Science:

*†E. M. Gildow, D. V. M., M. S., *Assoc. Prof. Vet. Sci.; Vet.*

Zoology:[1]

*H. B. Stough, Ph. D., *Prof. Zool.*
*L. C. Glass, M. S., *Asst. Prof. Zool.*
*H. W. Steffens, M. S., *Instr. Zool.*

Miscellaneous:

*†‡Audella Johnson, *Secy.*
*†Mary B. Sweet, B. L. S., *Instr. Libr. Sci.; Libr.*

Substations:

Aberdeen—J. L. Toevs, B. S., *Supt.*
Caldwell—R. F. Johnson, B. S., *Supt.*
Sandpoint—J. H. Christ, M. S., *Supt.*
Tetonia (High Altitude)—W. A. Moss, B. S., *Supt.*

ILLINOIS

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Illinois, *Urbana*

*College faculty. †Station staff. ‡Extension staff.

*A. C. Willard, B. S., LL. D., D. Eng., *President of University.*
*†‡H. W. Mumford, B. S., D. Agr., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service. Prof. An. Husb.*
*R. R. Hudelson, A. M., *Asst. Dean Coll. of Agr.*
*†‡G. L. Jordan, Ph. D., *Asst. to Dean and Dir.*
*†‡F. A. Painter, B. S., *Asst. to Dean and Dir.*
†Anna C. Glover, *Secy. of Sta. and Mgr. Pubs.*

Agronomy:

*†W. L. Burlison, Ph. D., D. Agr., *Head of Dept. Prof. and Chief in Crop Prod.*
*†L. E. Allison, M. S., *Asst. in Soil Biol.*
†J. C. Anderson, B. S., *First Asst. in Soil Fert.*
†C. J. Badger, B. S., *Assoc. in Soil Expt. Fields.*
*†F. C. Bauer, Ph. D., *Prof. Soil Fert.; Chief in Soil Expt. Fields.*
*†O. T. Bonnett, Ph. D., *Assoc. in Plant Brdg.*
†R. H. Bray, M. S., *Assoc. in Soil Survey Anal.*
*†F. H. Crane, M. S., *Asst. Prof. and Asst. Chief in Soil Fert.*
*†E. E. De Turk, Ph. D., *Prof. and Chief in Soil Tech., in charge Soil Anal. of Soil Survey.*
*†G. H. Dungan, Ph. D., *Assoc. Prof. and Assoc. Chief in Crop Prod.*
†E. B. Earley, M. S., *Asst. in Soil Fert.*
†C. H. Farnham, B. S., *Asst. in Soil Expt. Fields.*
†J. E. Giesecking, Ph. D., *First Asst. in Soil Survey.*
‡J. C. Hackleman, A. M., *Prof. Crops Ext.*
†C. F. Hottes, Ph. D., *Consult. Plant Physiol.*
†P. E. Johnson, B. S., *Asst. in Soil Expt. Fields.*
†Benjamin Koehler, Ph. D., *Assoc. Chief in Crop Path.*
†A. L. Lang, M. S., *Asst. Chief in Soil Expt. Fields.*
‡C. M. Linsley, M. S., *Asst. Prof. Soils Ext.*

Agronomy—Continued.

†L. B. Miller, B. S., *Assoc. in Soil Expt. Fields.*
*†W. J. Mumm, M. S., *Assoc. in Plant Brdg.*
†E. A. Norton,[2] M. S., *Asst. Chief in Soil Survey.*
*†J. J. Pieper, Ph. D., *Assoc. Prof. and Assoc. Chief in Crop Prod.*
*†O. H. Sears, Ph. D., *Assoc. Prof. and Assoc. Chief in Soil Biol.*
†L. H. Smith, Ph. D., *Chief in charge Pubs. of Soil Survey.*
*†R. S. Smith, Ph. D., *Prof. and Chief in Soil Phys. and Soil Survey.*
†H. J. Snider, M. S., *Asst. Chief in Soil Expt. Fields.*
*†R. S. Stauffer, Ph. D., *Assoc. in Soil Phys. and Soil Survey.*
*†C. A. Van Doren, Ph. D., *Asst. in Crop Prod.*
†Herman Wascher, M. S., *First Asst. in Soil Survey.*
*†D. C. Wimer, Ph. D., *Asst. Prof. and Asst. Chief in Soil Phys.*
†Eric Winters, Jr., M. S., *Asst. in Soil Phys. and Soil Survey.*
*†C. M. Woodworth, Ph. D., *Prof. and Chief in Plant Genetics.*

Animal Husbandry:

*†H. P. Rusk, M. S., *Head of Dept., Prof. and Chief in Beef Cattle Husb.*
‡H. H. Alp, B. S., *Specialist in Poultry Husb.*
†Jessie R. Beadles, B. S., *Asst. in An. Nutr.*
*†Sleeter Bull, M. S., *Assoc. Prof. and Assoc. Chief in Meats.*
*†L. E. Card, Ph. D., *Prof. and Chief in Poultry Husb.*

[1] Courses given in College of Letters and Science.
[2] On leave.

Animal Husbandry—Continued.

*†W. E. Carroll, Ph. D., *Prof. and Chief in Swine Husb.*
*†C. W. Crawford, B. S., *Assoc. in An. Husb.*
†W. M. Dawson, Ph. D., *Asst. in An. Husb.*
*†J. L. Edmonds, B. S., *Prof. and Chief in Horse Husb.*
*†‡Robert Graham, B. S., D. V. M., *Prof. and Chief in An. Path. and Hyg.*
†T. S. Hamilton, M. S., *Assoc. in An. Nutr.*
*†H. W. Johnson, D. V. M., *Asst. in An. Path.*
*†W. G. Kammlade, Ph. D., *Asst. Prof. and Asst. Chief in Sheep Husb.*
†M. Helen Keith, A. M., *First Asst. in An. Nutr.*
†Viola M. Michael, Ph. D., *First Asst. in An. Path.*
*†H. H. Mitchell, Ph. D., *Prof. and Chief in An. Nutr.*
†F. I. Nakamura, M. A., *Asst. in An. Nutr.*
‡E. T. Robbins, M. S., *Assoc. Prof. An. Husb. Ext.*
*†Elmer Roberts, Ph. D., *Assoc. Prof. and Assoc. Chief in An. Genetics.*
†Frank Simpson, B. S., *Asst. in An. Nutr.*
*†H. J. Sloan, Ph. D., *Assoc. in Poultry Husb.*
*†R. R. Snapp, M. S., *Assoc. Prof. and Assoc. Chief in Beef Cattle Husb.*
†Frank Thorp, Jr., M. S., D. V. M., *Assoc. in An. Path.*

Dairy Husbandry:

*†H. A. Ruehe, Ph. D., *Head of Dept., Prof. and Chief in Dairy Mfrs.*
*†J. M. Brannon, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Bact.*
‡J. G. Cash, B. S., *Asst. in Dairy Husb. Ext.*
*W. J. Fraser, M. S., *Prof. Dairy Farming.*
*†W. L. Gaines, Ph. D., *Prof. and Chief in Milk Prod.*
*†O. F. Garrett, M. S., *Instr. and First Asst. in Dairy Chem.*
*†A. F. Kuhlman, M. S., *Instr. and First Asst. in Dairy Husb.*
*†W. B. Nevens, Ph. D., *Assoc. Prof. and Assoc. Chief in Dairy Cattle Feeding.*
*†O. R. Overman, Ph. D., *Asst. Prof. and Asst. Chief in Dairy Chem.*
*†M. J. Prucha, Ph. D., *Prof. and Chief in Dairy Bact.*
*†R. J. Ramsey, M. S., *Asst. in Dairy Mfrs.*
‡C. S. Rhode, B. S., *Prof. Dairy Husb. Ext.*
*†P. H. Tracy, Ph. D., *Assoc. Prof. and Assoc. Chief in Dairy Mfrs.*
*†S. L. Tuckey, M. S., *Instr. and First Asst. in Dairy Mfrs.*
*†W. W. Yapp, Ph. D., *Prof. and Chief in Dairy Cattle Husb.*

Economics (Agr.):

*†H. C. M. Case, Ph. D., *Head of Dept. Prof. Agr. Econ.; Chief in Farm Mgt.*
*†‡Joseph Ackerman, M. S., *Asst. in Farm Mgt.*
†J. B. Andrews, M. S., *Assoc. in Farm Mgt.*
*†R. C. Ashby, Ph. D., *Assoc. Prof. and Assoc. Chief in Livestock Mktg.*

Economics (Agr.)—Continued.

*†R. W. Bartlett, Ph. D., *Asst. Prof. and Asst. Chief in Agr. Econ.*
†S. W. Decker, M. S., *Assoc. in Fruit and Veg. Mktg.*
*†T. R. Hedges, M. S., *Asst. in Farm Mgt.*
*†R. R. Hudelson, A. M., *Assoc. Prof. and Assoc. Chief in Agr. Econ.*
†‡P. E. Johnston, Ph. D., *Asst. Prof. and Asst. Chief in Farm Mgt.*
*†‡G. L. Jordan, Ph. D., *Assoc. Agr. Econ.*
†J. W. Lloyd, Ph. D., *Chief in Fruit and Veg. Mktg.*
‡M. L. Mosher, M. Agr., *Asst. Prof. Farm Mgt. Ext.*
*†L. J. Norton, Ph. D., *Assoc. Prof. and Chief in Agr. Econ.*
*†‡R. C. Ross, Ph. D., *Asst. Prof. and Asst. Chief in Farm Mgt.*
†E. L. Sauer, M. S., *Asst. in Farm Mgt.*
*†C. L. Stewart, Ph. D., *Assoc. Prof. Agr. Econ.; Chief in Land Econ.*
*†R. H. Wilcox,[1] M. S., *Assoc. Prof. and Assoc. Chief in Farm Mgt.*
*†J. E. Wills, M. S., *Asst. in Farm Mgt.*
†Leslie Wright, M. S., *Asst. in Farm Mgt.*

Editorial:

†‡F. J. Keilholz, B. S., *Editor.*
†Anna C. Glover, *Mgr. of Pubs.*
†Mabel Deere, A. M., *Editorial Asst.*

Education (Agr.): [2]

*A. W. Nolan, Ph. D., *Assoc. Prof. Agr. Ed.*
*Melvin Henderson, M. S., *Asst. in Agr. Ed.*
*Florence M. King, M. S., *Assoc. in Home Econ. Ed.*
*Anna B. Robinson, A. M., *Assoc. in Home Econ. Ed.*
*H. J. Rucker, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*†E. W. Lehmann, E. E., A. E., *Head of Dept. Prof. and Chief in Agr. Engin.*
*†W. A. Foster, B. S., B. Arch., A. E., *Asst. Prof. and Asst. Chief in Rural Arch.*
‡R. C. Hay, B. S., *Specialist in Agr. Engin.*
*†R. H. Reed, B. S., *Instr. and First Asst. in Agr. Engin.*
*†R. I. Shawl, M. S., *Asst. Prof. and Asst. Chief in Agr. Engin.*
*†A. L. Young, M. S., *Assoc. in Agr. Engin.*

Entomology:

†W. P. Flint, B. S., *Ent.*

Extension (Admin.): [3]

Director Mumford *in charge.*
‡J. C. Spitler, B. S., *State Leader of Farm Advisers.*
‡J. D. Bilsborrow, B. S., *Asst. State Leader of Farm Advisers.*
‡F. F. Gingrich, B. S., *Dist. 4-H Club Adviser.*
‡F. E. Longmire, M. S., *Asst. State Leader of Farm Advisers.*
‡F. H. Mynard, B. S., *Dist. 4-H Club Adviser.*
‡E. I. Pilchard, B. S., *Specialist in Junior Club Work.*
‡G. S. Randall, B. S., *Specialist in Junior Club Work.*

---

[1] On leave.
[2] In College of Education.
[3] For extension administration in home economics see the subject-matter division. For subject-matter workers in all departments see the respective division; i. e., agronomy, animal husbandry, etc.

Forestry:

‡L. E. Sawyer, B. S. F., *Ext. For.*

Home Economics:

*†‡Ruth A. Wardall, A. M., *Head of Dept., Vice Dir. of Home Econ. Ext. Prof. Home Econ.*
*‡Mrs. Kathryn V. Burns, A. M., *Asst. Prof. Home Econ. and State Leader in Home Econ. Ext.*
‡Grace B. Armstrong, M. A., *Asst. Prof. Foods and Nutr. Ext.*
*Harriet T. Barto, A. M., *Asst. Prof. Dietetics.*
*Mrs. Mary W. Beam, M. S., *Instr. Home Econ.*
‡Lulu S. Black, B. S., *Home Adviser at Large.*
*‡Fannie M. Brooks, A. B., R. N., *Asst. Prof. Home Econ. and Home Econ. Ext.*
‡Mary L. Chase, A. M., *Asst. State Leader and Assoc. in Home Econ. Ext.*
‡Erma Cottingham, B. S., *Dist. 4-H Club Adviser.*
*Helen Eades, A. M., *Assoc. in Home Econ.*
‡Cleo Fitzsimmons, M. S., *Specialist in Junior Club Work.*
†‡Mrs. Ruth C. Freeman, M. S., *Specialist in Home Accts.*
‡Edna R. Gray, B. S., *Assoc. in Clothing Ext.*
‡Glenna A. Henderson, M. S., *Specialist in Foods.*
‡Martha L. Hensley, M. S., *Dist. 4-H Club Adviser.*
‡Isabella M. Hitchcock, M. S., *Assoc. in Home Furnishings Ext.*
*Eda A. Jacobsen, A. M., *Asst. Prof. Clothing.*
‡Mary A. McKee, A. B., *Specialist in Junior Club Work.*
*†Mrs. Clara R. Meyer, M. S., *Assoc. and Research Asst. in Home Econ.*
*Stella C. Munger, M. S., *Assoc. in Home Econ.*
*Paulena Nickell, Ph. D., *Asst. Prof. Home Mgt.*
*†Julia P. Outhouse, Ph. D., *Asst. Prof. and Asst. Chief in Nutr.*
‡Katharine Patterson, M. S., *Asst. State Leader in Home Econ. Ext.*
*Louise M. Pickens, M. S., *Instr. Foods.*
*E. Evelyn Smith, M. A., *Asst. Prof. Institutional Mgt.*

Home Economics—Continued.

†Sarah J. Twomey, M. S., *Lab. Asst. in Nutr.*
*‡Edna E. Walls, M. A., *Asst. Prof. and Specialist in Child Development and Parent Ed.*
‡Gladys J. Ward, A. M., *Assoc. in Home Mgt. Ext.*
*Virginia H. Weaver, M. A., *Asst. Prof. Home Econ.*
*Mary C. Whitlock, M. A., *Assoc. in Home Econ.*
*†Sybil Woodruff, Ph. D., *Assoc. Prof. and Assoc. Chief in Foods.*

Horticulture:

*†J. C. Blair, M. S., Sc. D., *Head of Dept., Prof. and Chief in Hort.*
*†H. W. Anderson, Ph. D., *Prof. and Chief in Pomol. Path.*
*†A. S. Colby, Ph. D., *Prof. Pomol.; Chief in Small Fruit Culture.*
*†H. B. Dorner, M. S., *Prof. and Chief in Flor.*
*†M. J. Dorsey, Ph. D., *Prof. and Chief in Pomol.*
‡M. G. Fuller, B. F. A., *Specialist in Landsc. Gard.*
*†S. W. Hall, B. S., *Assoc. Prof. and Assoc. Chief in Flor.*
*†W. A. Huelsen, M. S., *Assoc. Prof. and Assoc. Chief in Oler.*
†James Hutchinson, *Assoc. in Flor.*
†K. J. Kadow, M. S., *Asst. Path. Hort.*
‡V. W. Kelley, Ph. D., *Asst. Prof. Hort. Ext.*
*†J. W. Lloyd, Ph. D., *Prof. and Chief in Oler.*
*†R. S. Marsh, A. M., *Assoc. Prof. and Assoc. Chief in Pomol.*
†J. P. McCollum, Ph. D., *Assoc. in Oler. (P. O., Des Plaines).*
*†R. L. McMunn, M. S., *Assoc. in Pomol.*
*†W. A. Ruth, Ph. D., *Prof. and Chief in Pomol. Physiol.*
†‡L. A. Somers, M. S., *Assoc. in Oler. and Veg. Gard. Ext.*
*†B. L. Weaver, M. S., *Asst. and First Asst. in Oler.*
*†F. F. Weinard, Ph. D., *Assoc. Prof. and Assoc. Chief in Flor. Physiol.*

Sociology (Rural):

†‡D. E. Lindstrom, Ph. D., *Assoc. in Rural Sociol.*

Miscellaneous:

*†Mary G. Burwash, A. B., B. L. S., *Agr. Libr.*

INDIANA

Schools of Agriculture and Home Economics, the Agricultural Experiment Station, and the Department of Agricultural Extension of Purdue University, *La Fayette*

*College faculty. †Station staff. ‡Extension staff.

*E. C. Elliott, Ph. D., LL. D., *President of University.*
*†‡J. H. Skinner, B. S., *Dean School of Agr., Dir. of Sta. and Dir. Dept. of Agr. Ext.*
*Mary L. Matthews, B. S., *Dean School of Home Economics.*
†H. J. Reed, B. S., *Asst. Dir. of Sta., Farm Dir.*

Agronomy:

*†A. T. Wiancko, B. S., *Head of Dept.*
*†G. H. Cutler, Ph. D., *Prof. and Asst. Chief in Agron.*
‡K. E. Beeson, M. S., *Assoc. in Agron.*
†T. M. Bushnell, B. S., *Assoc. in Soil Survey.*
†S. D. Conner, M. S., *Research Chem.*
†G. H. Enfield, B. S., *Asst. in Agron.*
*J. H. Lefforge, M. S., *Asst. Prof. Agr. Bot.*
†S. R. Miles, M. S., *Asst. in Agron. (Corn Borer Work).*
†R. R. Mulvey, B. S., *Assoc. in Agron.*

Agronomy—Continued.

‡M. O. Pence, M. S., *Assoc. in Agron.*
*F. E. Robbins, M. S., *Assoc. Prof. Crop Prod.*
*J. P. Seaton, M. S., *Asst. Prof. Soils.*
†C. E. Skiver, B. S., *Asst. in Agron.*
†H. P. Ulrich, B. S., *Asst. in Soil Survey.*
†G. P. Walker, B. S., *Assoc. in Agron.*

Animal Husbandry:

*†F. G. King, B. S., *Head of Dept.*
‡P. T. Brown, B. S., *Assoc in An. Husb.*

Animal Husbandry—Continued.

*†R. B. Cooley, B. S., *Assoc. Prof. An. Husb.; Secy. Stallion Enrollment Board.*
*V. C. Freeman, M. S., *Instr. An. Husb. and Asst. to the Dean.*
*J. T. Frost, M. S., *Instr. An. Husb.*
*‡C. F. Gobble, M. Agr., *Prof. An. Husb.*
†‡Claude Harper, M. S., *Asst. Chief and Assoc. in An. Husb.*
‡J. W. Schwab, B. S., *Assoc. in An. Husb.*
†C. L. Shrewsbury, Ph. D., *Assoc. Chem. in An. Husb.*
*W. W. Smith, M. S., M. Agr., *Prof. An. Husb.*
*E. E. Van Lone, Ph. D., *Asst. Prof. An. Husb.*
†C. M. Vestal, B. S., *Assoc. in An. Husb.*
†J. R. Wiley, M. S., *Assoc. in An. Husb.*

Biology:

*H. E. Enders, Ph. D., *Head of Dept., Prof. Zool.*
*C. H. Alvey, Ph. D., *Instr. Parasitol.*
*C. A. Behrens, Ph. D., *Prof. Bact.*
*Mrs. Elizabeth H. Allen, M. S., *Instr. Gen. Biol.*
*D. H. Dunham, Ph. D., *Asst. Prof. Gen. Biol.*
*W. A. Hiestand, Ph. D., *Asst. Prof. Physiol.*
*C. M. James, M. S., *Asst. Prof. Anat. and Physiol.*
*W. E. Martin, M. S., *Instr. Gen. Biol.*
*S. A. Rifenburgh, S. M., *Instr. Zool.*
*P. A. Tetrault, Ph. D., *Prof. Bact.*
*F. L. Willis, M. S., *Instr. Bact.*

Botany:

†R. W. Samson, Ph. D., *Actg. Head of Dept.*
†J. C. Arthur, LL. D., D. Sc., *Bot. Emeritus.*
†R. C. Baines, M. S., *Asst. in Bot.*
†R. M. Caldwell, Ph. D., *Assoc. in Bot. (Coop. U. S. D. A.).*
†L. E. Compton, M. S., *Asst. in Bot. (Coop. U. S. D. A.).*
†G. B. Cummins, M. A., *Asst. in Bot.*
*R. E. Girton, Ph. D., *Assoc. Prof. Plant Physiol.*
‡C. T. Gregory, Ph. D., *Assoc. Bot.*
*A. T. Guard, M. S., *Instr. Bot.*
*E. J. Kohl, Ph. D., *Assoc. Prof. Bot.*
‡O. C. Lee, M. S., *Asst. in Bot.*
†‡W. E. Leer, M. S., *Asst. in Bot. (Coop. U. S. D. A.).*
*C. L. Porter, Ph. D., *Prof. Bot.*
†R. R. St. John, M. S., *Asst. in Bot. (Coop. U. S. D. A.).*
†G. M. Smith, M. S., *Asst. in Bot. (Coop. U. S. D. A.).*
†J. F. Trost, M. S., *Assoc. in Bot. (Coop. U. S. D. A.).*
†R. A. Weaver, B. S. Ch. E., *Asst. in Bot.*

Chemistry:

*A. R. Middleton, Ph. D., *Chair. of Dept.*
*R. H. Carr, Ph. D., *Prof. Agr. Chem.*
†S. D. Conner, M. S., *Research Chem.*
*F. J. Allen, Ph. D., *Instr. Gen. Chem.*
*P. H. Brewer, M. S., *Asst. Prof. Agr. Chem.*
*R. C. Corley, Ph. D., *Assoc. Prof. Biochem.*
*E. F. Degering, Ph. D., *Asst. Prof. Chem.*
*G. K. Foresman, M. S., *Instr. Org. Chem.*
†S. M. Hauge, Ph. D., *Research Assoc. in Biochem.*
*Herschel Hunt, Ph. D., *Asst. Prof. Gen. Chem.*

Chemistry—Continued.

*†H. R. Kraybill, Ph. D., *Prof. Agr. Chem.; Agr. Chem. (State Chem.).*
*F. D. Martin, Ph. D., *Asst. Prof. Gen. Chem.*
*M. G. Mellon, Ph. D., *Prof. Anal. Chem.*
*R. E. Nelson, Ph. D., *Prof. Org. Chem.*
*R. F. Newton, Ph. D., *Assoc. Prof. Phys. Chem.*
*L. A. Test, Ph. D., *Prof. Gen. Chem.*

Dairy Husbandry:

*†H. W. Gregory, M. S., *Head of Dept.*
†T. H. Binney, M. S., *Assoc. Chief in charge Creamery License Div.*
*K. V. Bryan, M. S., *Assoc. Prof. Dairy Husb.*
†W. F. Epple, Ph. C., B. S., *Asst. in Dairy Husb.*
‡E. A. Gannon, B. S., *Assoc. in Dairy Husb.*
*†J. H. Hilton, B. S., *Asst. Prof. and Assoc. in Dairy Husb.*
*†B. E. Horrall, Ph. D., *Asst. Prof. and Assoc. in Dairy Husb.*
*†V. C. Manhart, M. S., *Asst. Prof. and Assoc. in Dairy Husb.*
*†A. V. Moore, M. S., *Asst. in Dairy Husb.*
*†E. H. Parfitt, Ph. D., *Asst. Prof. and Assoc. in Dairy Bact.*
†V. D. Rhodes, B. S., *Asst. Creamery Insp.*
*Ralph E. Roberts, M. S., *Asst. Prof. Dairy Husb., Supt. of Creamery.*
†C. E. Schumacher, B. S., *Asst. Creamery Insp.*
†George Spitzer, Ph. G., D. Sc., *Assoc. in Dairy Chem.*
‡E. T. Wallace, M. S., *Asst. in Dairy Husb.*
*†J. W. Wilbur, M. S., *Asst. Prof. and Asst. in Dairy Husb.*
‡G. A. Williams, M. S., *Asst. in Dairy Husb.*

Economics—See **Farm Management.**

Education (Agr.):

———, *Head of Dept.*
*S. S. Cromer, Ph. D., *Prof. Agr. Ed.*
*R. W. Gregory, M. S., *Asst. Prof. Agr. Ed. and Itinerant Teacher Training.*
*O. F. Hall, A. B., D. D., *Prof. Ed. Social.*
*K. W. Kiltz, M. S., *Instr. Agr. Ed. and Itinerant Teacher Training.*
*W. A. Smith, M. S., *Instr. Agr. Ed. and Itinerant Teacher Training.*
*Z. M. Smith, Ph. D., *Prof. Voc. Ed.*
*L. A. Wood, M. S., *Asst. in Voc. Agr. Pract. Teaching.*

Engineering (Agr.):

*†William Aitkenhead, M. E., M. A., *Head of Dept.*
‡S. A. Anderson, M. S., *Asst. in Agr. Engin.*
†T. E. Hienton, B. S. A. E., *Assoc. in Agr. Engin.*
*C. N. Hinkle, M. S., *Instr. Agr. Engin.*
*F. C. Lewis, M. S. A. E., *Assoc. Prof. Agr. Engin.*
†I. D. Mayer, B. S. C. E., M. S., *Assoc. in Agr. Engin.*
*G. E. Spencer, M. S., *Asst. Prof. Agr. Engin.*
†R. H. Wileman, B. S., *Asst. in Agr. Engin.*

Entomology:

*†J. J. Davis, B. S., *Head of Dept.*
*H. O. Deay, Ph. D., *Asst. Prof. Ent.*
†G. A. Ficht, M. A., *Assoc. in Ent.*
†G. E. Gould, M. A., *Asst. Ent.*
†G. E. Marshall, M. S., *Asst. in Ent.*

Entomology—Continued.

*B. E. Montgomery, M. S., *Instr. Ent.*
‡G. C. Oderkirk, B. S., *Rodent Control Work (Coop. U. S. D. A.).*
*James Troop, M. S., *Prof. Ent.*

Extension (Admin.):[1]

Director Skinner *in charge.*
‡T. A. Coleman, *Asst. Dir. and County Agt. Leader.*
‡Lella R. Gaddis, *State Home Dem. Leader.*
‡Z. M. Smith, Ph. D., *State Club Leader.*
‡W. R. Amick, B. S., *Asst. in Boys' and Girls' Clubs.*
‡H. F. Ainsworth, B. S., *Assoc. in Boys' and Girls' Clubs.*
‡L. M. Busche, B. S., *Asst. County Agt. Leader.*
‡W. Q. Fitch, B. S., *State Leader of Farmers' Insts.*
‡G. M. Frier, B. S., *Assoc. in charge Short Courses and Exhibits.*
‡W. F. Graham, B. S., *Asst. in Short Courses and Exhibits.*
‡O. F. Hall, A. B., D. D., *Assoc. in Rural Life Studies.*
‡Mabel L. Harlan, B. S., *Asst. in Agr. Ext.*
‡L. E. Hoffman, B. S., *Asst. County Agt. Leader.*
‡T. R. Johnston, *State Leader Ext. Publicity.*
‡Karl Knaus, M. S., *Asst. County Agt. Leader.*
*‡W. C. Latta, M. S., *Prof. and Consult. Specialist in Agr.*
‡May A. Masten, B. S., *Assoc. State Club Leader.*
‡F. M. Shanklin, A. M., *Asst. in Boys' and Girls' Clubs.*
‡Edna O. Troth, B. S., *Asst. in Boys' and Girls' Clubs.*
‡Lula M. Whitaker, B. S., *Asst. in Boys' and Girls' Clubs.*

Farm Management and Rural Economics:

*†O. G. Lloyd, M. S., *Head Dept. of Farm Mgt.*
†‡J. C. Bottum, M. S., *Asst. in Farm Mgt.*
†E. L. Butz, B. S., *Asst. in Farm Mgt.*
*†A. F. Hinrichs, B. S., *Asst. Prof. and Asst. in Farm Mgt.*
‡T. G. Hornung, M. S., *Asst. in Mktg. and Farm Mgt.*
‡O. G. Johanningsmeier, M. S., *Asst. in Farm Mgt.*
*J. B. Kohlmeyer, M. S., *Instr. Farm Mgt.*
†L. S. Robertson, M. S., *Asst. Chief in Farm Mgt.*
†F. V. Smith, M. S., *Asst. in Farm Mgt.*
‡W. B. Stout, Ph. D., *Assoc. in Farm Mgt.*
*†E. C. Young, Ph. D., *Prof. Farm Mgt. and Rural Econ.; Assoc. in Farm Mgt. Asst. Dean of Grad. School.*
†G. E. Young, M. S., *Asst. in Farm Mgt.*

Forestry:

*†B. N. Prentice, B. A., M. F., *Head of Dept.*
†R. C. Brundage, M. S. F., *Asst. in For.*
*†Daniel Den Uyl, B. S., M. F., *Asst. Prof. and Asst. in For.*
*C. G. Geltz, M. S., *Asst. Prof. For.*
‡T. E. Shaw, M. F., *Ext. For.*
*†E. B. Steen, A. M., *Instr. and Asst. in Fish and Game.*

Home Economics:

*†Mary L. Matthews, B. S., *Dean of School and Head Dept. of Home Admin.*
*Amy I. Bloye, M. A., *Head Dept. of Foods and Nutr.*
*M. Edith Gamble, M. A., *Head Dept. of Institution Mgt.*
*Laurentza S. Hansen, M. A., *Head Dept. of Applied Design.*
*Amy Howe, M. A., *Head Dept. of Textiles and Clothing.*
‡Aneta P. Beadle, B. S., *Assoc. in Home Econ.*
*Ruby F. Clark, M. S., *Asst. Prof. Institution Mgt.*
*Laura B. Hadley, M. S., *Asst. Prof. Home Econ. Ed. and Itinerant Teacher Training.*
*Mrs. Ruth A. Hamlin, B. S., *Asst in Voc. Home Econ.*
*Linnea M. Johnson, M. S., *Instr. Foods and Nutr.*
†Ruth Jordan, M. S., *Asst. in Home Econ.*
‡Inez E. Kent, M. A., *Asst. in Home Econ.*
*Hazel M. Landin, M. A., *Asst. Prof. Home Admin.*
*Marguerite G. Mallon, Ph. D., *Asst. Prof. Nutr.*
‡Meta E. Martin, B. S., *Assoc. in Home Econ.*
*Muriel G. McFarland, M. A., *Assoc. Prof. Home Econ. Ed.*
*Harriet A. Naumann, M. S., *Asst. in Home Admin.*
*Harriet E. O'Shea, Ph. D., *Assoc. Prof. Home Admin.*
*Philena F. Palmer, M. S., *Instr. Clothing.*
*Laura A. Partch, B. S., R. N., *Asst. Prof. Child Care and Home Nursing.*
†Gail M. Redfield, M. S., *Asst. in Home Econ.*
*Julia L. Southard, M. S., *Instr. Clothing and Textiles.*
‡Frieda C. Stoll, A. M., *Asst. in Clothing.*
*Gertrude L. Sunderlin, Ph. D., *Asst. Prof. Foods and Nutr.*
*Marian E. Willoughby, M. A., *Asst. Prof. Textiles and Clothing.*
‡Blanche Zaring, A. B., *Assoc. in Home Econ.*
*Elsie T. Zohner, M. S., *Instr. Foods and Nutr.*

Horticulture:

*†Laurenz Greene, Ph. D., *Head of Dept.*
†C. E. Baker, M. S., *Asst. in Hort.*
†C. L. Burkholder, B. S., *Asst. Chief in Hort.*
‡K. I. Fawcett, *Asst. in Hort.*
‡R. R. Fraser, B. S., *Asst. in Hort.*
†F. C. Gaylord, B. S., *Assoc. in Hort.*
*†E. R. Honeywell, M. S., *Assoc. Prof. and Asst. Flor.*
‡R. B. Hull, M. L. A., *Assoc. in Hort.*
‡M. M. Kercher, B. S., *Asst. in Hort.*
*W. E. Lommel, B. S., *Assoc. Prof. Hort.*
†J. H. MacGillivray, Ph. D., *Research Assoc. in Hort.*
*†J. A. McClintock, M. S., *Assoc. Prof. and Assoc. in Hort.*
‡Monroe McCown, M. S., *Asst. in Hort.*
*†E. C. Stair, M. S., *Asst. Prof. and Asst. in Hort.*
‡W. B. Ward, B. S., *Asst. in Hort.*
†R. B. Withrow, E. E., M. S., *Asst. in Hort.*
‡H. E. Young, B. S., *Asst. in Hort.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Physics:

*Karl Lark-Horovitz, Ph. D., *Head of Dept.*
*Elizabeth A. Mitchell, A. M., *Asst. Prof. Phys.*
*G. W. Sherman, Jr., M. S., *Assoc. Prof. Phys.*

Poultry Husbandry:

*†C. W. Carrick, M. S., *Head of Dept.*
‡William Kohlmeyer, Jr., B. S., *Asst. in Poultry Husb.*
†E. R. Menefee, M. S., *Asst. in Poultry Husb.*
†Roy E. Roberts, M. S., *Assoc. in Poultry Husb.*
*†E. E. Schnetzler, M. A., *Instr. and Asst. in Poultry Husb.*
‡L. C. Todd, M. S., *Assoc. in Poultry Husb.*
‡S. M. Walford, B. S., *Asst. in Poultry Husb.*

State Chemist Department:

*†H. R. Kraybill, Ph. D., *State Chem. and Seed Comr.*
†O. S. Roberts, B. S., *Chief Insp.*
†Pauline I. Balbach, *Asst. Seed Analyst.*
†C. M. Cohee, *Insp.*
†P. B. Curtis, M. S., *Assoc. Chem.*
†D. M. Doty, M. S., *Asst. Chem.*
†O. W. Ford, M. S., *Asst. Chem.*
†Mary E. Grey, *Asst. Seed Analyst.*
†G. E. Halliday, M. S., *Asst. Chem.*
†L. E. Horat, M. S., *Asst. Chem.*
†J. W. Jackman, *Insp.*
†Regina B. Schulte, A. B., *Asst. Bot. (Coop. U. S. D. A.).*
†C. L. Shrewsbury, Ph. D., *Assoc. Chem.*

State Chemist Department—Contd.

†J. T. Sullivan, M. S., *Asst. Chem.*
†M. H. Thornton, M. S., *Asst. Chem.*
†S. F. Thornton, M. S., *Asst. Chem.*
†C. C. Yund, B. S., *Asst. Chem.*

Statistics (Agr.):

†M. M. Justin, M. S., *Agr. Statistician in charge (Coop. U. S. D. A.).*
†R. E. Straszheim, B. S., *Asst. Agr. Statistician (Coop. U. S. D. A.).*

Veterinary Science:

*†R. A. Craig, D. V. M., *Head of Dept.*
*†J. F. Bullard, D. V. M., M. S., *Asst. Prof. and Asst. in Vet. Sci.*
†A. L. Delez, D. V. M., M. S., *Asst. in Vet. Sci.*
†L. P. Doyle, D. V. M., Ph. D., *Assoc. in Vet. Sci.*
†F. L. Walkey, D. V. M., *Asst. in Vet. Sci.*

Miscellaneous:

†‡J. C. Allen, *Photog.*
*W. M. Hepburn, M. A., B. L. S., *Libr.*
*W. O. Mills, B. S., *Field Service Representative in Agr.*
*†F. S. Purnell, LL.B., *Lect. on Agr. Legislation (nonresident).*
†I. Elizabeth Sempill, *Asst. Libr.*

Substations:

Herbert Davis Forestry Farm, *P. O., Farmland*—L. E. Hampton, *Supt.*
Moses Fell Annex Expt. Farm, *P. O., Bedford*—H. G. Hall, *Supt.*
Pinney-Purdue Expt. Farm, *P. O., Wanatah*—Harry Brunner, *Supt.*

IOWA

Iowa State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Ames*

*College faculty. †Station staff. ‡Extension staff.

*†R. M. Hughes, M. S., LL. D., *President. Actg. Dir. of Agr.*
*†H. H. Kildee, M. S., *Dean Div. of Agr.*
†R. E. Buchanan, Ph. D., *Dir. of Sta.*
‡R. K. Bliss, B. S., *Dir. of Agr. Ext. Service.*
*G. W. Godfrey, B. S., M. Agr., *Asst. to the President in Agr.*

Animal Husbandry:

†H. H. Kildee, M. S., *Prof. and Head of Dept. and Sect.*
*†C. Y. Cannon, Ph. D., *Prof. Dairy Husb.; Head Dairy Husb. Subsect.*
*†E. W. Henderson, Ph. D., *Prof. Poultry Husb.; Head Poultry Husb. Subsect.*
*†J. L. Lush, Ph. D., *Prof. An. Husb.; Head An. Brdg. Subsect.*
*A. L. Anderson, M. S., *Assoc. Prof. An. Husb.*
‡F. J. Arnold, B. S., *Ext. Asst. in Dairy Prod.*
*†F. J. Beard, M. S., *Asst. Prof. An. Husb.; Research Asst. in Meats.*
‡Rex Beresford, B. S., *Ext. Prof. An. Husb.*
*†A. B. Caine, M. S., *Assoc. Prof. An. Husb.; Research Assoc. in An. Prod. (Beef Cattle, Horses, Sheep, and Swine).*
*C. C. Culbertson, M. S., *Head An. Prod. Subsect. (Beef Cattle, Horses, Sheep, and Swine).*
*†D. L. Espe, Ph. D., *Asst. Prof. and Research Asst. Dairy Husb.*
†W. E. Hammond, M. S., *Supt. of Expts., An. Prod. Subsect.*
*J. G. Hanmer, *Farm Supt.*
*†E. N. Hansen, M. S., *Assoc. Prof. and Research Assoc. Dairy Husb.*

Animal Husbandry—Continued.

*†M. D. Helser, M. S., *Head Meats Subsect.*
*J. C. Holbert, M. S., *Asst. Prof. An. Husb.*
‡Floyd Johnston, B. S., *Ext. Assoc. Prof. Dairy Prod.*
*W. F. LaGrange, M. S., *Prof. An. Husb.*
‡C. W. McDonald, M. S., *Ext. Assoc. Prof. An. Husb.*
*T. T. Milby, Ph. D., *Instr. Poultry Husb.*
*†Burt Perry, *Supt. of Poultry Farm.*
‡E. L. Quaife, B. S., *Ext. Assoc. Prof. An. Husb.*
†J. A. Schulz, Ph. D., *Research Asst. An. Chem. and Nutr.*
*†P. S. Shearer, M. S., *Prof. An. Husb.; An. Brdg. Research.*
‡E. N. Shultz, M. S., *Ext. Asst. in Dairy Prod.*
*†John Stewart, B. S., *Dairy Farm Foreman.*
*†B. H. Thomas, Ph. D., *Prof. An. Husb.; Head An. Chem. and Nutr. Subsect.*
‡W. M. Vernon, M. S., *Ext. Assoc. Prof. Poultry Husb.*
*†N. F. Waters, D. Sc., *Asst. Prof. and Research Asst. Poultry Husb.*

Animal Husbandry—Continued.

‡W. R. Whitfield, *Ext. Asst. in Poultry Husb.*
†H. L. Wilcke, M. S., *Research Asst. in Poultry Husb.*
†Lester Yoder, M. S., *Research Asst. An. Chem. and Nutr.*

Bacteriology:

*†R. E. Buchanan, Ph. D., *Prof. and Head of Dept. and Sect. Dean of Grad. Coll.*
*Max Levine, Ph. D., *Prof. in charge of Bact.*
*†C. H. Werkman, Ph. D., *Prof. Bact.; Research Bact. in charge of Sect.*
*W. E. Burns, Ph. D., *Instr. Bact.*
*C. S. McCleskey, Ph. D., *Instr. Bact.*

Botany and Plant Pathology:

*†I. E. Melhus, Ph. D., *Prof. and Head of Dept. and Sect.*
*†A. L. Bakke, Ph. D., *Prof. and Research Plant Physiol.*
*†J. M. Aikman, Ph. D., *Assoc. Prof. and Coop. in Bot.*
†W. F. Buchholtz, M. S., *Research Asst. in Bot.*
†G. N. Davis, Ph. D., *Research Asst. in Plant Path.*
*†S. M. Dietz, Ph. D., *Prof. Bot. and Plant Path.; Plant Path.*
*†J. C. Gilman, Ph. D., *Prof. and Coop. in Bot.*
*Ada Hayden, Ph. D., *Asst. Prof. Bot.*
†W. J. Henderson M. S., *Research Asst. in Plant Path.*
*L. M. Humphrey, Ph. D., *Instr. Bot.*
†Charlotte M. King, *Research Asst. Bot.*
†‡D. V. Layton, M. S., *Coop. and Ext. Instr. Bot. and Plant Path.*
*†W. E. Loomis, Ph. D., *Assoc. Prof. Plant Physiol.; Coop. in Bot.*
*†J. N. Martin, Ph. D., *Prof. and Coop. in Plant Morphol. and Cytology.*
†G. L. McNew, M. S., *Research Asst. in Bot. and Plant Path.*
†H. C. Murphy, Ph. D., *Asst. Path. (Coop. U. S. D. A.).*
*†R. H. Porter, Ph. D., *Assoc. Prof. and Research Assoc. Bot. Head of Seed Lab.*
†C. S. Reddy, Ph. D., *Research Assoc. Bot. and Plant Path.*
*J. E. Sass, Ph. D., *Asst. Prof. Bot.*
†J. J. Wilson, Ph. D., *Research Asst. in Plant Path.*

Chemistry:

*†W. F. Coover, A. M., *Prof. and Head of Dept. and Sect.*
*†R. M. Hixon, Ph. D., *Prof. Plant Chem.; Head Plant Chem. Subsect.*
†B. H. Thomas, Ph. D., *Head An. Chem. and Nutr. Subsect.*
*W. G. Bickford, B. A., *Instr. Chem.*
*E. W. Bird, Ph. D., *Asst. Prof. Chem.*
*F. E. Brown, Ph. D., *Prof. Gen. and Inorg. Chem.*
*J. H. Buchanan, M. S., *Prof. Food and Sanitary Chem.*
*T. T. Castonguay, B. Metal. E., *Instr. Chem.*
*L. M. Christensen, Ph. D., *Asst. Prof. Chem.*
*N. A. Clark, Ph. D., *Assoc. Prof. Soils Chem.*
*Rachel H. Edgar, Ph. D., *Assoc. Prof. Chem.*
*E. I. Fulmer, Ph. D., *Prof. Biophys. Chem.*
†W. G. Gaessler, M. S., *Research Assoc. Plant Chem.*

Chemistry—Continued.

*Henry Gilman, Ph. D., *Prof. Org. Chem.*
*J. W. Greer, B. S., *Instr. Food and Sanitary Chem.*
*W. H. Jennings, Ph. D., *Assoc. Prof. Phys. Chem.*
*I. B. Johns, Jr., Ph. D., *Asst. Prof. Chem.*
*W. B. King, Ph. D., *Asst. Prof. Chem.*
*R. E. Menzel, B. A., *Instr. Chem.*
*P. A. Moore, M. S., *Instr. Chem.*
*Nellie M. Naylor, Ph. D., *Assoc. Prof. Chem.*
*V. E. Nelson, M. S., *Prof. Physiol. and Nutr. Chem.*
†J. A. Schulz, Ph. D., *Research Asst. Chem.*
*H. O. Smith, B. A., *Instr. Chem.*
*D. F. Starr, Ph. D., *Instr. Chem.*
*J. A. Wilkinson, Ph. D., *Prof. Inorg. and Anal. Chem.*
†Lester Yoder, M. S., *Research Asst. Chem.*

Dairy Industry:

*†Martin Mortensen, B. S., LL. D., *Prof. and Head of Dept. and Sect.*
*†B. W. Hammer, Ph. D., *Prof. and Chief in Dairy Bact.*
*O. H. Ause, M. S., *Instr. Dairy Indus.*
*†E. W. Bird, Ph. D., *Asst. Prof. Dairy Indus. and Chem.; Research Asst. Dairy Indus.*
†D. F. Breazeale, M. S., *Research Asst. in Dairy Indus.*
‡Paul Cromer, B. S., *Ext. Asst. in Dairy Indus.*
*C. D. Duncan, B. S., *Asst. in Dairy Indus.*
*N. E. Fabricius, M. S., *Instr. Dairy Indus.*
*E. F. Goss, M. S., *Assoc. Prof. Dairy Indus.*
†L. A. Harriman, Ph. D., *Research Asst. in Dairy Indus.*
*R. V. Hussong, Ph. D., *Instr. Dairy Indus.*
*C. A. Iverson, M. S., *Prof. Dairy Indus.*
†C. B. Lane, Ph. D., *Research Asst. in Dairy Indus.*
†H. F. Long, M. S., *Research Asst. in Dairy Indus.*
‡H. R. Meier, B. S., *Ext. Asst. in Dairy Indus.*
†M. B. Michaelian, Ph. D., *Research Asst. in Dairy Indus.*
*H. C. Olson, Ph. D., *Instr. Dairy Bact.*
*Marcus Powell, B. S., *Asst. in Dairy Indus.*
‡A. W. Rudnick, B. S., *Ext. Prof. Dairy Indus.*
‡Russell Weaver, B. S., *Ext. Asst. in Dairy Indus.*
‡Karl Wester, B. S., *Ext. Asst. in Dairy Indus.*

Economics (Agr.):

*†A. G. Black,[1] Ph. D., *Prof. and Head of Dept. and Sect.*
*†G. M. Fuller, B. A., M. B. A., *Prof. and Actg. Head of Dept. and Sect.*
†‡L. G. Allbaugh, M. S., *Research Assoc. Agr. Econ., Ext. Assoc. Prof. Farm Mgt.*
†‡I. W. Arthur, M. S., *Research Assoc. Agr. Econ., Ext. Assoc. Prof. Mktg.*
†‡R. C. Bentley, M. S., *Research Asst. and Ext. Asst. Prof. Agr. Econ.*
‡Fannie R. Buchanan, *Ext. Asst. in Rural Organ.*
‡E. L. Cady, Ph. D., *Ext. Asst. Prof. Mktg.*

[1] On leave.

Economics (Agr.)—Continued.

‡J. M. Cowden, M. S., *Ext. Asst. Prof. Agr. Econ.*
‡Zaneta Eager, B. A., *Ext. Asst. in Community Development.*
*C. M. Elkinton, M. S., *Instr. Agr. Econ.*
†‡D. A. FitzGerald, M. S., *Research Asst. in Agr. Econ., Ext. Asst. Prof. Mktg.*
‡J. C. Galloway, B. S., *Ext. Assoc. Prof. Farm Mgt. Dem.*
‡C. H. Harris, B. S., *Ext. Asst. Agr. Econ.*
*W. L. Harter, M. S., *Assoc. Prof. Rural Sociol.*
†John Himmel, B. S., *Research Asst. Agr. Econ.*
*†J. A. Hopkins, Jr., Ph. D., *Assoc. Prof. and Research Assoc. Agr. Econ.*
‡H. B. Howell, *Ext. Asst. Agr. Econ.*
†C. C. Malone, B. S., *Research Asst. Agr. Econ.*
†A. T. Mighell, Ph. D., *Research Asst. Agr. Econ.*
*†W. G. Murray, Ph. D., *Assoc. Prof. and Research Assoc. Agr. Econ.*
*†Millard Peck,[1] M. S., *Prof. and Research Agr. Econ.*
*P. E. Quintus, Ph. D., *Instr. Agr. Econ.*
*†Margaret G. Reid, Ph. D., *Asst. Prof. and Research Asst. Agr. Econ.*
†‡Frank Robotka, M. S., *Research Assoc. Agr. Econ., Ext. Assoc. Prof. Mktg.*
†R. W. Schickele, Ph. D., *Research Asst. Agr. Econ.*
*†T. W. Schultz, Ph. D., *Assoc. Prof. and Research Assoc. Agr. Econ.*
*†G. S. Shepherd, Ph. D., *Assoc. Prof. and Research Assoc. in Agr. Econ.*
‡L. K. Soth, B. S., *Ext. Asst. Agr. Econ.*
‡W. H. Stacy, M. S., *Ext. Assoc. Prof. Rural Organ.*
†‡W. D. Termohlen, M. S., *Research Asst. Agr. Econ., Ext. Asst. Prof. Mktg.*
†‡S. H. Thompson, M. S., *Research and Ext. Prof. Agr. Econ.*
*G. H. Von Tungeln, Ph. D., *Prof. Rural Sociol.*
*†‡R. E. Wakeley, Ph. D., *Asst. Prof. Rural Sociol.; Research Asst. Agr. Econ.*
‡J. J. Wallace, B. S. *Ext. Asst. Agr. Econ.*

Editorial—See **Journalism.**

Education (Voc.-Agr.):

*W. H. Lancelot, D. Ed., *Prof. and Head of Dept.*
*H. M. Byram, Ph. D., *Asst. Prof. Voc. Ed.*
*J. E. Foster, B. A., *Assoc. Prof. Voc. Ed.*
*H. M. Hamlin, Ph. D., *Assoc. Prof. Voc. Ed.*
*A. H. Hausrath, Jr., M. S., *Instr. Voc. Ed.*
*Cora B. Miller, M. A., *Prof. and Head Home Econ. Ed.*
*Barton Morgan, Ph. D., *Assoc. Prof. Voc. Ed.*
*T. E. Sexauer, Ph. D., *Assoc. Prof. Voc. Ed.*
*J. A. Starrak, Ph. D., *Assoc. Prof. Voc. Ed.*
‡J. A. Woodruff, B. S., *Ext. Instr. Agr. Ed.*

Engineering (Agr.):

*†J. B. Davidson, B. S. M. E., A. E., D. Eng., *Prof. and Head of Dept. and Sect.*
*†Q. C. Ayres, B. S., B. E., C. E., *Assoc. Prof. and Assoc. Agr. Engin.*
†H. J. Barre, B. S. A. E., M. S., *Research Asst. in Agr. Engin.*
*W. H. Carter, M. S. A. E., *Instr. Agr. Engin.*
†E. V. Collins, B. S. A. E., *Research Agr. Engin.*
*†Henry Giese, M. S. A. E., Arch. E., *Prof. and Research Agr. Engin.*
*E. G. McKibben, M. S. A. E., *Assoc. Prof. Agr. Engin.* (*Coop. U. S. D. A.*).
†L. G. Schoenleber, B. S. A. E., *Junior Agr. Engin.* (*Coop. U. S. D. A.*).
*M. A. Sharp, M. S., *Assoc. Prof. Agr. Engin.*
†C. K. Shedd, B. S. A. E., *Agr. Engin.* (*Coop. U. S. D. A.*).
‡C. H. Van Vlack, B. S. A. E., *Ext. Assoc. Prof. Agr. Engin.*
‡B. T. Virtue, M. S., *Ext. Instr. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[2]

Director Bliss *in charge.*
‡Murl McDonald, B. S., *Asst. Dir.* (*County Agt. Leader*).
‡P. C. Taff, B. S., *Asst. Dir.* (*State Club Leader*).
‡Mrs. Sarah P. Ellis, B. S., *State Home Dem. Leader.*
‡Mrs. Josephine A. Bakke, B. S., *in charge Girls' Club Work.*
‡Mrs. Edith P. Barker, *Asst. State Club Leader.*
‡Florence Forbes, B. S., *Agt. in Club Work.*
‡Mrs. Mary K. Gregg, *Asst. State Home Dem. Leader.*
‡W. L. Harper, *Secy.*
‡Mrs. N. May Larson, B. S., *Asst. State Home Dem. Leader.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
‡F. P. Reed, B. S., *Asst. State Club Leader.*
‡F. F. Clark, *Dist. Ext. Agt.*
‡H. L. Eichling, *Dist. Ext. Agt.*
‡E. F. Graff, *Dist. Ext. Agt.*
‡J. W. Merrill, *Dist. Ext. Agt.*
‡L. T. Nutty, *Dist. Ext. Agt.*

Farm Crops and Soils:

*†P. E. Brown, Ph. D., *Prof. and Head of Dept. and Sect. Dir. of Soil Survey.*
*†W. H. Stevenson, D. Sc., *Prof. Soils; Vice Dir. of Sta.*
†L. C. Burnett, M. S., *Farm Crops Research* (*Coop. U. S. D. A.*).
*†H. D. Hughes, M. S., *Prof. and Head Farm Crops Subsect.*
†R. E. Bennett, B. S., *Research Asst. in Soils.*
†T. H. Benton, M. S., *Research Asst. in Soils.*
†‡J. L. Boatman, M. S., *Research Asst. in Soils, Ext. Assoc. Prof. Farm Crops and Soils.*
†A. A. Bryan, Ph. D., *Farm Crops Collab.* (*Coop. U. S. D. A.*).
*C. S. Dorchester, M. S., *Asst. Prof. Farm Crops.*
‡E. S. Dyas, B. S., *Ext. Asst. Prof. Farm Crops and Soils.*

[1] On leave.
[2] For subject-matter workers, see the respective division; i. e., animal husbandry, bacteriology, etc.

Farm Crops and Soils—Continued.

*J. C. Eldredge, Ph. D., *Asst. Prof. Farm Crops.*
†A. J. Englehorn, M. S., *Research Asst. in Soils.*
*B. J. Firkins, M. S., *Assoc. Prof. Soils.*
†L. W. Forman, M. S., *Supt. Soil Expts.*
‡M. A. Hauser, B. S., *Ext. Prof. Farm Crops and Soils.*
*†E. R. Henson, Ph. D., *Assoc. Prof. and Research Assoc. in Farm Crops.*
†R. W. Jugenheimer, *Farm Crops Collab. (Coop. U. S. D. A.).*
†H. R. Meldrum, B. S., *Research Asst. in Soils.*
†C. L. Orrben, B. S., *Research Asst. in Soils.*
*J. B. Peterson, M. S., *Asst. Prof. Soils.*
†J. L. Robinson, Ph. D., *Research Asst. in Farm Crops.*
*†F. B. Smith, Ph. D., *Assoc. Prof. and Research Assoc. in Soils.*
†L. J. Thorp, *Technician in Forage Crops.*
*†R. H. Walker, Ph. D., *Assoc. Prof. and Research Assoc. in Soils.*
‡W. F. Watkins, B. S., *Ext. Asst. Prof. Soils.*
*†J. B. Wentz, Ph. D., *Assoc. Prof. and Research Assoc. in Farm Crops.*
†F. S. Wilkins, M. S., *Research Asst. in Forage Crops.*

Genetics:

*†E. W. Lindstrom, Ph. D., *Prof. and Head of Dept. and Sect.*
*†W. V. Lambert, Ph. D., *Asst. Prof. and Research Asst. in Genetics.*
†L. M. Humphrey, Ph. D., *Research Asst. in Genetics.*

Home Economics:

*†Genevieve Fisher, M. A., *Dean of Div.*
*Fern W. Gleiser, M. S., *Prof. and Head Institution Mgt.*
*Joanne M. Hansen, M. A., *Prof. and Head Applied Art.*
*Cora B. Miller, M. A., *Prof. and Head Home Econ. Ed.*
*†P. Mabel Nelson, Ph. D., *Prof. and Head Foods and Nutr. Subsect.*
*†Mrs. Louise J. Peet, Ph. D., *Prof. and Head Household Equipment Subsect.*
*†Rosalie V. Rathbone, M. A., *Prof. and Head Textiles and Clothing Subsect.*
*Dorothy I. Anderson, B. S., *Instr. Foods and Nutr.*
*Mabel Anderson, B. S., *Instr. Institution Mgt.*
‡Mae Anderson, *Ext. Nutr.*
*Iva L. Brandt, M. S., *Prof. Textiles and Clothing.*
*Mrs. Vivian J. Brashear, M. S., *Assoc. Prof. Household Equipment.*
*Mrs. Elma M. Bywater, M. A., *Instr. Foods and Nutr.*
‡Ruth B. Cessna, M. A., *Foods and Nutr. Specialist.*
*Hester Chadderton, M. A., *Asst. Prof. Home Econ. Ed.*
‡Harriett B. Cookinham, *Home Mgt. Specialist.*
*Katherine T. Cranor, A. M., *Prof. Textiles and Clothing.*
*Alice Dahlen, M. S., *Instr. Home Econ. Ed.*
*†Rachel H. Edgar, Ph. D., *Assoc. Prof. Chem.*
‡Mrs. Sarah P. Ellis, B. S., *Ext. Prof. in charge Home Econ.*
*Mabel C. Fisher, *Assoc. Prof. Applied Art.*
*Regina J. Friant, Ph. B., M. A., *Assoc. Prof. Home Econ. Ed.*

Home Economics—Continued.

*Mary L. Gabrielson, M. A., *Instr. Textiles and Clothing.*
‡Fannie A. Gannon, *Home Mgt. Specialist.*
‡Irma D. Garner, *Home Furnishing Specialist.*
‡Mrs. Caroline M. Gibson, *Home Furnishing Specialist.*
‡Mrs. Mary K. Gregg, *Asst. in Home Project Work.*
*Ella P. Gribskov, M. S., *Instr. Institution Mgt.*
†Mabel Gunson, *Asst. in Home Econ.*
*Anna M. Henderson, *Asst. Prof. Applied Art.*
*Mrs. Marguerite S. Hopkins, M. S., *Instr. Textiles and Clothing.*
*Elizabeth E. Hoyt, Ph. D., *Prof. Econ. and Home Mgt.*
‡Mrs. Alma H. Jones, M. S., *Specialist in Child Care and Parent Training.*
*Mary Kirkpatrick, M. S., *Instr. Foods and Nutr.*
*Emma G. Kitt, *Instr. Applied Art.*
‡Neale S. Knowles, *Ext. Prof. Home Econ.*
*Louise L'Engle, M. S., *Asst. Prof. Foods and Nutr.*
*Marion C. Lepley, M. S., *Instr. Applied Art.*
*†Belle Lowe, Ph. B., *Assoc. Prof. Foods and Nutr.*
*Miriam E. Lowenberg, M. S., *Asst. Prof. Foods, Nutr., and Child Development.*
*Mary S. Lyle, M. S., *Asst. Prof. Home Econ. Ed.*
‡Emma McIlrath, *Clothing Specialist.*
*Hazel McKibben, M. S., *Instr. Home Econ. Ed.*
*Mrs. Henry Ness, *Instr. Applied Art.*
*Edna O'Bryan, B. S., *Asst. Prof. Applied Art.*
‡Annette Peterson, *Foods and Nutr. Specialist.*
*Mrs. Alma R. Plagge, B. S., *Instr. Foods and Nutr.*
‡Esther Pond, B. S., *Clothing Specialist.*
*Fannie Potgieter, M. A., *Asst. Prof. Textiles and Clothing.*
*Edna M. Rhoads, B. S., *Instr. Applied Art.*
*Mabel Russell, Ph. B., *Asst. Prof. Applied Art.*
*†Lenore E. Sater, M. S., *Asst. Prof. and Research Asst. in Household Equipment.*
*Olive Settles, B. S., *Assoc. Prof. Textiles and Clothing.*
*Ida M. Shilling, M. S., *Asst. Prof. Foods and Nutr.*
*Frances A. Sims, M. S., *Prof. Textiles and Clothing.*
*Marie Stephens, B. S., *Assoc. Prof. Textiles and Clothing.*
*Lenore M. Sullivan, M. S., *Instr. Institution Mgt.*
*Edith Sunderlin, M. S., *Instr. Child Development.*
*Lydia V. Swanson, M. S., *Assoc. Prof. Child Development. Actg. Head of Dept.*
*†Pearl P. Swanson, Ph. D., *Assoc. Prof. and Research Assoc. in Foods and Nutr.*
‡Helen J. Swinney, *Foods and Nutr. Specialist.*
†Gladys Timson, M. S., *Research Asst. in Foods and Nutr.*
*Marcia E. Turner, M. A., *Assoc. Prof. Home Econ. Ed.*
*T. F. Vance, Ph. D., *Prof. Child Development.*
*Alice Waugh, B. S., *Instr. Applied Art.*

Home Economics—Continued.

‡L. Mildred Wilson, B. S., *Home Furnishing Specialist.*
‡Nora Workman, B. S., *Home Furnishing Specialist.*

Horticulture and Forestry:

*†B. S. Pickett, M. S., *Prof. and Head of Dept. and Sect.*
*†G. B. MacDonald, B. S., M. F., *Prof. and Head of For. Subsect.*
*†A. T. Erwin, M. S., *Prof. Hort.; Head Veg. Crops Subsect.*
†T. J. Maney, B. S., *Head Pomol. Subsect.*
*†E. C. Volz, M. S., *Prof. and Head Flor. Subsect.*
*J. C. Cunningham, B. S., *Prof. Hort.*
‡C. L. Fitch, M. A., *Ext. Prof. Veg. Crops.*
*†E. S. Haber, Ph. D., *Asst. Prof. Hort.; Research Asst. in Veg. Crops.*
‡C. V. Holsinger, B. S., *Ext. Prof. Hort.*
*W. H. Horning, M. S. F., *Asst. Prof. For.*
†H. L. Lantz, M. S., *Research Asst. Pomol.*
*J. A. Larsen, B. A., M. F., *Asst. Prof. For.*
†A. L. McComb, M. S., *Research Asst. in For.*
†N. D. Morgan, M. S., *Research Asst. in Veg. Crops.*
‡H. E. Nichols, M. S., *Ext. Asst. Prof. Hort.*
†H. H. Plagge, Ph. D., *Research Asst. Pomol.*
‡G. R. Ramsey, M. S., *Ext. Asst. Prof. For.*
*†H. W. Richey, B. S., *Prof. and Coop. in Pomol.*
*J. C. Schilletter, Ph. D., *Asst. Prof Hort.*
†V. T. Stoutemyer, M. S., *Research Asst. Pomol.*
*R. B. Thomson, *Assoc. Prof. For.*

Journalism (Tech.):

*†Blair Converse, A. M., *Prof. and Head of Dept.; Bull. Editor.*
*R. W. Beckman, B. S., *Asst. Prof. Tech. Journalism.*
*‡L. R. Combs, B. S., *Ext. Editor and Asst. in Information Service.*
*†F. E. Ferguson, B. S., *Assoc. Bull. Editor.*
*K. R. Marvin, B. S., *Asst. Prof. Tech. Journalism.*
†‡M. M. Sandstrom, B. S., *Asst. Bull. Editor.*

Landscape Architecture:

*P. H. Elwood, Jr., B. S., *Prof. and Head of Dept.*
‡J. R. Fitzsimmons, B. S., M. L. A., *Ext. Prof. Landsc. Arch.*
*A. M. Hanson, B. S., *Asst. Prof. Landsc. Arch.*
‡N. A. Morris, B. S., *Ext. Landsc. Arch.*
*R. R. Rothacker, M. S., *Asst. Prof. Landsc. Arch.*

Physics:

*†J. W. Woodrow, Ph. D., LL. D., *Prof. and Head of Dept.*
*A. A. Benedict, A. M., *Asst. Prof. Phys.*
*L. W. Butler, A. B., *Asst. Prof. Phys.*
*P. H. Carr, Ph. D., *Assoc. Prof. Phys.*
*G. W. Fox, Ph. D., *Prof. Phys.*
*William Kunerth, Ph. D., *Assoc. Prof. Phys.*
*E. C. McCracken, M. S., *Asst. Prof. Phys.*
*R. D. Miller, M. S., *Instr. Phys.*

Physics—Continued.

*L. E. Pinney, M. A., *Instr. Phys.*
*H. J. Plagge, M. A., *Assoc. Prof. Phys.*
*L. B. Spinney, B. M. E., B. S. E. E., *Prof. Phys.*
*D. A. Smith, D. V. M., *Instr. Vet. Med.*
*L. H. Willson, B. S., *Asst. Prof. Phys.*

Veterinary Medicine:

*C. H. Stange, D. V. M., *Dean of Div. and Dir. Vet. Research. Prof. and Head Vet. Hyg.*
*E. A. Benbrook, V. M. D., *Prof. and Head Vet. Path. Dept.*
*H. D. Bergman, D. V. M., *Prof. and Head Vet. Physiol. and Pharmacol. Dept.*
*C. H. Covault, D. V. M., *Prof. and Head Vet. Med. Dept.*
*H. L. Foust, D. V. M., *Prof. and Head Vet. Anat. Dept.*
*G. R. Fowler, B. S., D. V. M., *Prof. and Head Vet. Surg. Dept.*
*Charles Murray, Ph. B., B. S., D. V. M., *Prof. and Head Vet. Research Dept. Prof. Vet. Hyg.*
*F. E. Walsh, D. V. M., *Prof. and Head Vet. Obstetrics Dept.*
*H. E. Biester, V. M. D., *Assoc. Prof. Vet. Research.*
*M. Lois Calhoun, M. S., *Asst. in Vet. Anat.*
*R. M. Cocking, D. V. M., *Instr. Vet. Anat.*
*D. F. Eveleth, Ph. D., D. V. M., *Asst. Prof. Vet. Research.*
*E. A. Hewitt, D. V. M., Ph. D., *Assoc. Prof. Vet. Physiol.*
*M. J. Johnson, D. V. M., *Instr. Vet. Surg.*
*C. D. Lee, D. V. M., M. S., *Asst. Prof. Vet. Research.*
*T. S. Leith, D. V. M., *Asst. Prof. Vet. Anat.*
*S. H. McNutt, D. V. M., *Assoc. Prof. Vet. Research.*
*I. A. Merchant, D. V. M., Ph. D., *Assoc. Prof. Vet. Hyg.*
*R. A. Runnells, D. V. M., M. S., *Assoc. Prof. Vet. Path.*
*L. H. Schwarte, D. V. M., Ph. D., *Assoc. Prof. Vet. Research.*
*Margaret W. Sloss, M. S., *Asst. in Vet. Path.*
*Harold Stiles, Ph. D., *Assoc. Prof. Phys.*
‡K. W. Stouder, D. V. M., *Ext. Prof. Vet. Med.*
*E. F. Waller, D. V. M., *Instr. Vet. Path.*
*S. C. Whitlock, D. V. M., M. A., *Asst. Prof. Vet. Anat.*
*H. E. Wicker, B. S., D. V. M., *Instr. Vet. Obstetrics.*

Zoology and Entomology:

*†C. J. Drake, Ph. D., *Prof. and Head of Dept. and Sect. (State Ent.).*
*E. R. Becker, D. Sc., *Prof. Protozool.*
†‡L. J. Bennett, M. S., *Research and Ext. Asst. in Game Mgt.*
†G. C. Decker, Ph. D., *Research Asst. Ent.*
†P. L. Errington, Ph. D., *Research Asst. in Game Mgt.*
*J. E. Guthrie, M. S., *Prof. Zool.*
†‡T. R. Hansberry, M. S., *Research and Ext. Asst. Ent.*
*H. M. Harris, Ph. D., *Asst. Prof. Zool. and Ent.*
*G. O. Hendrickson, Ph. D., *Asst. Prof. Zool.*
*H. H. Knight, Ph. D., *Prof. Ent.*
‡Henry Ness, B. S., *Asst. State Ent.*
‡F. B. Paddock, M. S., *State Apiarist.*
*†O. W. Park, Ph. D., *Assoc. Prof. Apiculture; Research Assoc. Ent.*
*†C. H. Richardson, Ph. D., *Prof. and Research Ent.*

Zoology and Entomology—Continued.

‡Howard Shipton, *Deputy Apiary Insp.*
*Erma A. Smith, Ph. D., M. D., *Assoc. Prof. Physiol.*
†H. D. Tate, M. S., *Research Asst. Ent.*
†Bernard Travis, M. S., *Research Asst. Ent.*
*W. H. Wellhouse, Ph. D., *Prof. Zool.*
‡A. D. Worthington, *Ext. Ent.*

Zoology and Entomology—Continued.

*J. F. Yeager, Ph. D., *Assoc. Prof. Physiol.*

Miscellaneous:

‡Grant Chapman, *Supt. of Farm Tours.*
‡W. I. Griffith, *Radio Program Dir.*
‡H. L. Kooser, *Ext. Asst. in Visual Instruction.*

KANSAS

Kansas State College of Agriculture and Applied Science, and the Agricultural Experiment Station, *Manhattan*

*College faculty. †Station staff. ‡Extension staff.

*F. D. Farrell, D. Agr., *President.*
*†L. E. Call, M. S., *Dean Div. of Agr., Dir. of Sta.*
‡H. J. C. Umberger, B. S., *Dean and Dir. Div. of Ext.*

Agronomy:

*†R. I. Throckmorton, M. S., *Head of Dept.*
*†A. E. Aldous, Ph. D., *Prof. Agron.; Pasture Mgt.*
†A. M. Brunson, Ph. D., *Agron. (Corn Brdg.: Coop. U. S. D. A.).*
*†A. L. Clapp, M. S., *Assoc. Prof. Agron.; in charge Coop. Expts.*
*†C. E. Crews, M. S., *Asst. Prof. Agron.; in charge South Central Expt. Fields (P. O., Kingman).*
†F. E. Davidson, B. S., *Actg. in charge SE. Expt. Fields (P. O., Parsons).*
*†C. D. Davis, M. S., *Asst. Prof. Agron.; Farm Crops.*
*†F. L. Duley,[1] Ph. D., *Prof. Agron.; Soils.*
†C. O. Grandfield, M. S., *Agt. in Forage Crops (Coop. U. S. D. A.).*
†Mrs. Elisabeth P. Harling, *Seed Analyst.*
*†H. H. Laude, M. S., *Prof. Agron.; Farm Crops.*
*†W. H. Metzger, Ph. D., *Asst. Prof. Agron.; Soils.*
*†H. E. Myers, M. S., *Asst. Prof. Agron.; Soils.*
*†J. H. Parker, Ph. D., *Prof. Agron.; Plant Brdg. (Coop. U. S. D. A.).*
*†‡F. L. Timmons, M. S., *Asst. Prof. Farm Crops; Asst. in Coop. Expts.*
‡E. B. Wells, M. S., *Ext. Assoc. Prof. Soils.*
‡L. E. Willoughby, B. S., *Ext. Assoc. Prof. Farm Crops.*
*†J. W. Zahnley, M. S., *Assoc. Prof. Agron.; Farm Crops, and Dir. Seed Lab.*

Animal Husbandry:

*†C. W. McCampbell, B. S., D. V. M., *Head of Dept.*
*†C. E. Aubel, M. S., *Assoc. Prof. An. Husb.; Swine Invest.*
*F. W. Bell, B. S., *Prof. An. Husb. in charge Advanced Judging.*
*†W. E. Connell, M. S., *Instr. An. Husb.; Asst. in Livestock Invest.*
*†R. F. Cox, M. S., *Asst. Prof. An. Husb.; Sheep Invest.*
‡C. G. Elling, B. S., *Ext. Assoc. Prof. An. Husb.*
*†H. L. Ibsen, Ph. D., *Prof. An. Husb.; Geneticist.*
*†D. L. Mackintosh, M. S., *Asst. Prof. An. Husb.; Meat Invest.*
‡J. J. Moxley, B. S., *Ext. Asst. Prof. An. Husb.*
*†A. D. Weber, M. S., *Prof. An. Husb.; Cattle Invest.*

Bacteriology:

*†L. D. Busbnell, Ph. D., *Head of Dept.*
*†C. A. Brandly, D. V. M., M. S., *Asst. Prof. Bact.; Poultry Path.*
*†A. C. Fay, Ph. D., *Prof. Bact.; Dairy Bact.*
*V. D. Foltz, M. S., *Asst. Prof. Bact.*
*†P. L. Gainey, Ph. D., *Prof. Bact.; Soil Bact.*

Botany and Plant Pathology:

*†L. E. Melchers, M. S., *Head of Dept. (Coop. U. S. D. A.).*
*†E. C. Miller, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
*W. E. Davis, A. B., *Prof. Bot. and Plant Physiol.*
*†O. H. Elmer, Ph. D., *Asst. Prof. Bot. and Plant Path.; Asst. Plant Path.*
†Hurley Fellows, Ph. D., *Assoc. Path. in Cereal Disease Invest. (Coop. U. S. D. A.).*
†C. H. Ficke, M. S., *Junior Path. in Cereal Disease Invest. (Coop. U. S. D. A.).*
*†F. C. Gates, Ph. D., *Prof. Bot. and Plant Path.; Taxonomy.*
*H. H. Haymaker, Ph. D., *Prof. Bot. and Plant Path.*
†C. O. Johnston, M. S., *Assoc. Path. in Cereal Disease Invest. (Coop. U. S. D. A.).*
*†C. L. Lefebvre, Ph. D., *Asst. Prof. Bot. and Plant Path.; Plant Path.*
‡E. H. Leker, M. S., *Ext. Asst. Prof. Plant Path.*
*Margaret A. Newcomb, M. S., *Instr. Bot. and Plant Path.*

Chemistry:

*†H. H. King, Ph. D., *Head of Dept.*
*†J. S. Hughes, Ph. D., *Prof. Chem.; An. Nutr.*
*†J. T. Willard, D. Sc., *Vice Pres. of Coll.; Consult. Chem.*
*H. W. Brubaker, Ph. D., *Prof. Chem.*
*C. W. Colver, Ph. D., *Prof. Org. Chem.*
*W. L. Faith, Ph. D., *Asst. Prof. Chem.*
*†J. L. Hall, Ph. D., *Asst. Prof. Chem.; Phys. Chem. Invest.*
*E. B. Keith, Ph. D., *Assoc. Prof. Chem.*
†H. W. Loy, Jr., M. S., *Asst. Chem.*
†J. F. Merrill, B. S., *Asst. Chem. in Fert. Anal.*
*†A. T. Perkins, Ph. D., *Assoc. Prof. Chem.; Soil Invest., and in charge Anal. Lab.*
*†B. L. Smits, Ph. D., *Asst. Prof. Chem.; Assoc. Food Chem.*
*†C. H. Whitnah, Ph. D., *Asst. Prof. Chem.; Dairy Chem.*

[1] On leave.

Dairy Husbandry:

*†F. W. Atkeson, M. S., *Head of Dept.*
*†W. J. Caulfield, M. S., *Asst. Prof. Dairy Husb.; Asst. in Dairy Mfrs.*
*†H. W. Cave, M. S., *Prof. Dairy Husb.; Dairy Prod.*
‡J. W. Linn, B. S., *Ext. Assoc. Prof. Dairy Husb.*
*†W. H. Martin, M. S., *Prof. Dairy Husb.; in charge Dairy Mfrs.*
*†W. H. Riddell, Ph. D., *Assoc. Prof. Dairy Husb.; Dairy Prod.*
‡D. M. Seath, M. S., *Ext. Asst. Prof. Dairy Husb.*

Economics (Agr.):

*†W. E. Grimes, Ph. D., *Head of Dept.*
‡I. N. Chapman, M. S., *Ext. Assoc. Prof. Agr. Econ. and Farm Mgt. Dem.*
‡J. H. Coolidge, M. S., *Ext. Asst. Prof. Agr. Econ.*
*†Morris Evans, M. S., *Assoc. Prof. Agr. Econ.; Farm Organ.*
*†H. J. Henney, M. S., *Asst. Prof. Agr. Econ.; Mktg. Invest. (Livestock).*
*†J. A. Hodges, M. S., *Asst. Prof. Agr. Econ.; Farm Organ.*
*†Harold Howe, M. S., *Prof. Agr. Econ.; Land Econ.*
*†C. D. McNeal, B. S., *Asst. in Agr. Econ.*
*†George Montgomery,[1] M. S., *Asst. Prof. Agr. Econ.; Mktg. Invest. (Fruits and Veg.).*
*†J. B. Roberts, B. S., *Asst. in Agr. Econ.*
‡V. M. Rucker, B. S., *Ext. Asst. Prof. Agr. Econ.*
‡B. W. Wright, B. S., *Ext. Asst. Prof. Agr. Econ.*

Editorial—See **Journalism.**

Education (Agr.):

*E. L. Holton, Ph. D., *Head of Dept.*
‡G. A. Gemmell, Ph. D., *Prof. Ed. in charge Home Study Service.*
*A. P. Davidson, M. S., *Prof. Voc. Ed.*
*†Hugh Durham, A. M., *Assoc. Prof. Agr. Ed., Asst. Dean of Agr. and Asst. to Sta. Dir.*
‡B. H. Fleenor, Ph. D., *Prof. Ed., Home Study Service.*
*L. F. Hall, M. S., *Asst. Prof. Voc. Ed.*
*C. V. Williams, Ph. D., *Prof. Voc. Ed.*

Engineering (Agr.):

*†F. C. Fenton, M. S. A. E., *Head of Dept.*
*†E. L. Barger, M. S., *Instr. and Asst. in Agr. Engin.*
‡J. S. Glass, B. S., *Ext. Asst. Prof. Rural Engin.*
*†C. A. Logan,[1] M. S., A. E., *Asst. Prof. Agr. Engin.; Agr. Engin. Invest.*
‡Floyd Pattison, M. S., *Ext. Prof. Mech. Engin., Home Study Service.*
‡W. G. Ward, M. S., *Ext. Prof. in charge Rural Engin.*
*†F. J. Zink, B. S. A. E., *Assoc. Prof. and Assoc. in Agr. Engin.*

Entomology:

*†G. A. Dean, M. S., *Head of Dept.*
*†H. R. Bryson, M. S., *Asst. Prof. Ent.; Staple Crop Insect Invest.*
‡E. G. Kelly, Ph. D., *Ext. Prof. Ent.*
†P. G. Lamerson, M. S., *Asst. in Ent.*
*†R. H. Painter, Ph. D., *Assoc. Prof. Ent.; Staple Crop Insect Invest.*

Entomology—Continued.

*†R. L. Parker, Ph. D., *Prof. Apiculture and Ent.; Assoc. Ent. (State Apiarist).*
*†R. C. Smith, Ph. D., *Prof. Ent.; Staple Crop Insect Invest.*
*†D. A. Wilbur, M. A., *Asst. Prof. Ent.; Staple Crop Insect Invest.*

Extension (Admin.):[2]

Dean and Dir. Umberger *in charge.*
‡Delfa M. Hazeltine, *Asst. to the Dean and Dir.*
‡H. C. Baird, B. S., *Dist. Agt.*
‡E. A. Cleavinger, B. S., *Dist. Agt.*
‡O. B. Glover, B. S., *Field Agt.*
‡J. V. Hepler, B. S., *Dist. Agt.*
‡C. R. Jaccard, B. S., *Dist. Agt.*
‡L. M. Knight, B. S., *Dist. Agt.*
‡M. L. Robinson, B. S., *Field Agt.*
‡E. H. Teagarden, B. S., *Dist. Agt.*
‡A. F. Turner, B. S., *Field Agt.*
‡Amy Kelly, B. S., *State Home Dem. Leader.*
‡Ellen M. Batchelor, B. S., *Dist. Home Dem. Agt. Leader.*
‡Georgiana H. Smurthwaite, M. S., *Dist. Home Dem. Agt. Leader.*
‡M. H. Coe, B. S., *State Club Leader.*
‡Lora V. Hilyard, B. S., *Asst. State Club Leader.*
‡A. J. Schoth, B. S., *Asst. State Club Leader.*
‡Mabel R. Smith, B. S., *Asst. State Club Leader.*

Home Economics:

*†Margaret M. Justin, Ph. D., *Dean of Div.*
*Dorothy Barfoot, A. M., *Assoc. Prof. Art, Chair. of Dept. Committee.*
*Helen W. Ford, Ph. D., *Prof. and Head Dept. of Child Welfare and Euthenics.*
*Alpha C. Latzke, M. S., *Assoc. Prof. and Head Dept. of Clothing and Textiles.*
*Martha S. Pittman, Ph. D., *Prof. and Head Dept. of Food Econ. and Nutr.*
*Mrs. Bessie B. West, A. M., *Prof. and Head Dept. of Institutional Econ.*
*Margaret Ahlborn, M. S., *Prof. Food Econ. and Nutr. and Asst. Dean.*
*Anna T. Agan, M. S., *Instr. Household Econ.*
*Laura F. Baxter, M. S., *Asst. Prof. Home Econ. Ed.*
‡Helen V. Brewer, M. S., *Ext. Instr. Foods and Nutr.*
*Nina M. Browning, M. S., *Instr. Food Econ. and Nutr.*
*†Esther Bruner, M. S., *Asst. Prof. and Asst. Invest. in Clothing and Textiles.*
*Ina F. Cowles, M. S., *Assoc. Prof. Clothing and Textiles.*
*Rose M. Darst, A. M., *Asst. in Art.*
‡Maude E. Deely, A. M., *Ext. Instr. Home Furnishings.*
*Evelyn F. Dutton, A. M., *Instr. Art.*
*Louise H. Everhardy, A. M., *Assoc. Prof. Art.*
*Helen B. Fisher, M. S., *Asst. in Child Welfare and Euthenics.*
‡Conie C. Foote, A. M., *Ext. Asst. Prof. Foods and Nutr.*
*Myrtle A. Gunselman, A. M., *Asst. Prof. Household Econ.*
*Vida A. Harris, A. M., *Asst. Prof. Art.*
*†Mrs. Katherine J. Hess, M. S., *Assoc. Prof. and Research Asst. in Clothing and Textiles.*
*Florence James, *Instr. Institutional Econ.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal, husbandry, etc.

Home Economics—Continued.

*Leone B. Kell, M. S., *Instr. Child Welfare and Euthenics.*
*†Martha M. Kramer, Ph. D., *Prof. and Asst. in Food Econ. and Nutr.*
*†Bernice L. Kunerth, M. S., *Food Econ. and Nutr. Technician.*
*Hazel A. Lyness, M. S., *Instr. Home Econ. Ed.*
‡W. Pearl Martin, R. N., *Ext. Instr. Home Health and Sanitation.*
‡Loretta McElmurry, B. S., *Ext. Instr. Clothing and Textiles.*
*Eva M. McMillan, M. S., *Instr. Food Econ. and Nutr.*
*Maria Morris, M. S., *Asst. Prof. Art.*
*Elizabeth Quinlan, M. S., *Asst. Prof. Clothing and Textiles.*
*Mrs. Lucile O. Rust, M. S., *Prof. Home Econ. Ed.*
*†Mary F. Taylor, M. A., B. S. E. E., *Asst. Prof. Household Econ.; Asst. in Home Mgt. Invest.*
*Dorothy Triplett, Ph. D., *Assoc. Prof. Child Welfare and Euthenics.*
*Ruth E. Tucker, M. S., *Instr. Food Econ. and Nutr.*
*Gladys E. Vail, M. S., *Instr. Food Econ. and Nutr.*
‡M. Christine Wiggins, B. S., *Ext. Instr. Clothing and Textiles.*
*Jennie Williams, R. N., M. S., *Instr. Child Welfare and Euthenics.*
*LeVelle Wood, M. S., *Asst. Prof. Institutional Econ.*

Horticulture:

*†R. J. Barnett, M. S., *Head of Dept.*
*†W. B. Balch, M. S., *Assoc. Prof. Hort.; Flor. and Veg. Gard.*
*†G. A. Filinger, Ph. D., *Asst. Prof. Hort.; Pomol.*
‡H. L. Lobenstein, B. S., *Ext. Asst. Prof. Hort.*
*†W. F. Pickett, M. S., *Assoc. Prof. Hort.; Orchard Invest. (State For.).*
*†L. R. Quinlan, B. S., M. L. A., *Prof. Hort.; in charge Landsc. Gard.*
*†T. R. Reitz, B. S., *Asst. Prof. Hort.; in charge NE. Expt. Fields (P. O., Atchison).*
*H. E. Wichers, M. S., *Assoc. Prof. Rural Arch.*
‡L. C. Williams, B. S., *Ext. Prof. Hort., in charge Agr. Specialists.*

Illustrations:

*F. J. Hanna, *Head of Dept.*
‡W. E. Peery, *Radio Operator.*

Journalism:

*C. E. Rogers,[1] M. S., M. A., *Prof. and Head of Dept.*
‡O. B. Dryden, *Asst. Ext. Editor.*
*E. T. Keith, B. S., *Prof. and Actg. Head of Dept.*
‡L. L. Longsdorf, M. S., *Ext. Editor and Radio Program Dir.*

Milling Industry:

*†C. O. Swanson, Ph. D., *Head of Dept.*
*†J. E. Anderson, M. S., *Asst. in Milling Indus.*
*†R. O. Pence, M. S., *Instr. Milling Indus.; Milling Tech.*
*†E. B. Working, Ph. D., *Assoc. Prof. Milling Indus.; Wheat and Flour Invest.*

Physics:

*J. O. Hamilton, B. S., *Head of Dept.*
*W. R. Brackett, A. B., *Assoc. Prof. Phys.*
*E. V. Floyd, B. S., *Prof. Phys.*
*G. E. Raburn, M. S., *Prof. Phys.*

Poultry Husbandry:

*†L. F. Payne, M. S., *Head of Dept.*
*†C. L. Gish, B. S., *Supt. Poultry Farm.*
‡E. R. Halbrook, B. S., *Ext. Prof. Poultry Husb.*
*†H. M. Scott, M. S., *Assoc. Prof. Poultry Husb.; Poultry Prod. Invest.*
‡M. A. Seaton, B. S., *Ext. Asst. Prof. Poultry Husb.*
*†D. C. Warren, Ph. D., *Prof. Poultry Husb.; Poultry Bldg.*

Veterinary Medicine:

*†R. R. Dykstra, D. V. M., *Dean of Div.*
*J. H. Burt, D. V. M., *Head of Dept. of Anat. and Physiol.*
*†H. F. Lienhardt, V. M. D., *Head Dept. of Vet. Path.; Path. Invest.*
*Gordon Danks, B. S., D. V. M., *Asst. Prof. Surg. and Vet. Med.*
*†Herman Farley, D. V. M., M. S., *Asst. Prof. Path.; Shipping Fever Invest.*
*E. R. Frank, D. V. M., M. S., *Asst. Prof. Surg. and Vet. Med.*
*E. J. Frick, D. V. M., *Prof. Vet. Med.*
*†C. H. Kitselman, V. M. D., M. S., *Prof. Path.; Abortion Disease Invest.*
*E. E. Leasure, M. S., D. V. M., *Asst. Prof. Path.*
‡J. W. Lumb, M. S., D. V. M., *Ext. Assoc. Prof. Vet. Med.*
*W. M. McLeod, D. V. M., *Prof. Anat. and Physiol.*
*†C. A. Pyle, B. S., D. V. M., *Asst. Prof. Vet. Med.; Anaplasmosis Invest. (Coop. U. S. D. A.: P. O., Sedan).*
*†J. P. Scott, D. V. M., M. S., *Prof. An. Path.; Blackleg Invest.*
†F. R. Taberner, D. V. M., *Technician and Agt. in Anaplasmosis Invest. (Coop. U. S. D. A.).*

Zoology:

*†R. K. Nabours, Ph. D., *Head of Dept.*
*†J. E. Ackert, Ph. D., *Prof. Zool.; Parasitol.*
*†C. G. Dobrovolny, M. S., *Instr. Zool.; Technician.*
*Mary T. Harman, Ph. D., *Prof. Zool.*
*†G. E. Johnson, Ph. D., *Prof. Zool.; Mammalogist.*
*A. B. Sperry, B. S., *Prof. Geol.*
†Florence M. Stebbins, M. S., *Asst. in Genetics.*

Miscellaneous:

*A. B. Smith, B. L. S., *Libr.*
*Grace E. Derby, A. B., *Assoc. Libr.*

Substations:

Colby—
E. H. Coles, B. S., *Supt. (Coop. U. S. D. A.).*
J. B. Kuska, B. S., *Dry Land Agr. (Coop. U. S. D. A.).*
Fort Hays, *P. O., Hays*—
L. C. Aicher, B. S., *Supt.*
F. G. Ackerman, B. S., *Soil Erosion (Coop. U. S. D. A.).*
R. R. Drake, B. S. A. E., *Soil Erosion (Coop. U. S. D. A.).*
F. P. Eshbaugh, B. S., *For. Nurseryman.*
A. L. Hallsted, B. S., *Dry Land Agr. (Coop. U. S. D. A.).*
Laurence Reed, B. S., *Asst. to Supt.*
D. A. Savage, B. S., *Forage Crops (Coop. U. S. D. A.).*
A. F. Swanson, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
Garden City—
F. A. Wagner, B. S., *Supt.*
H. J. Clemmer, B. S., *Dry Land Agr. (Coop. U. S. D. A.).*
Tribune—
T. B. Stinson, B. S., *Supt.*

[1] On leave.

KENTUCKY

College of Agriculture and the Agricultural Experiment Station of the University of Kentucky, *Lexington*

*College faculty. †Station staff. ‡Extension staff.

*F. L. McVey, Ph. D., LL. D., *President of University.*
*††T. P. Cooper, B. S. in A., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Service.*

Agronomy:
*†‡George Roberts, M. S., *Head of Dept. Asst. Dean of Coll.*
†C. E. Bortner, M. S., *Asst. in Agron.*
*†E. N. Fergus, Ph. D., *Assoc. Prof. Farm Crops; Asst. Agron.*
†J. F. Freeman, M. S., *Asst. Agron.*
‡R. A. Hunt, M. S., *Field Agt. in Tobacco.*
†E. M. Johnson, Ph. D., *Asst. Plant Path.*
‡S. C. Jones, M. S., *Field Agt. in Agron.*
*†P. E. Karraker, M. A., *Assoc. Prof. Soils; Asst. Agron.*
‡Ralph Kenney, B. S., *Field Agt. in Agron.*
*†E. J. Kinney, B. S., *Prof. Farm Crops; Assoc. Agron.*
*†W. D. Valleau, Ph. D., *Prof. Plant Path.; Plant Path.*

Animal Industry:
*††‡E. S. Good, M. S., *Chair. An. Indus. Group.*
*†W. W. Dimock, B. S., D. V. M., *Prof. Vet. Sci.; Head Dept. of An. Path.*
*†Fordyce Ely, M. S., *Prof. Dairy Husb.; in charge Dairying.*
*††Jos. H. Martin, Ph. D., *Prof. and in charge Poultry Husb.*
*†W. S. Anderson, M. A., *Prof. Genetics; in charge Horse Husb.*
*‡J. O. Barkman, Ph. D., *Prof. and in Field Agt. in Dairy Mfrs.*
†E. A. Baute, B. S., *Field Agt. in Poultry Improvement.*
†G. D. Buckner, Ph. D., *in charge An. Nutr.*
‡Stanley Caton, B. S., *Field Agt. in Poultry Husb.*
†P. R. Edwards, Ph. D., *Bact.*
†Amanda H. Harms, B. S., *Asst. Pathogenic Bact. in An. Husb.*
‡C. E. Harris, B. S., *Field Agt. in Poultry Husb.*
‡G. M. Harris, M. S., *Field Agt. in Dairying.*
*†W. J. Harris M. S., *Asst. Prof. and Asst. An. Husb.*
*L. J. Horlacher, M. S., *Prof. An. Husb. and Asst. to Dean.*
*††F. E. Hull, D. V. M., *Instr. Vet. Sci.; Asst. Vet. Path.*
‡J. E. Humphrey, B. S., *Field Agt. in Poultry Husb.*
†W. M. Insko, Jr., M. S., *Asst. in Poultry Husb.*
‡R. C. Miller, M. S., *Field Agt. in An. Husb.*
*H. B. Morrison, Jr., M. S., *Instr. Dairying.*
†J. W. Nutter, *Supt. Dairy Farm.*
‡T. P. Polk, D. V. M., *Field Agt. in Vet. Sci.*
‡Wayland Rhoads, M. S., *Field Agt. in An. Husb.*
‡H. G. Sellards, B. S., *Field Agt. in An. Husb.*
*†E. J. Wilford, M. S., *Assoc. Prof. and Asst. An. Husb.*

Botany—See **Entomology.**

Chemistry:
†J. S. McHargue, Ph. D., *Head of Dept.*
†S. D. Averitt, M. S., *Chem.*
†Robert Calfee, B. S., *Asst. in Chem.*
†W. R. Roy, M. S., *Asst. Chem.*
†O. M. Shedd, M. S., *Chem.*

Economics (Farm):
*††W. D. Nicholls, Ph. D., *Head of Dept. Prof. Farm Mgt.*
‡J. H. Bondurant, M. S., *Field Agt. in Farm Mgt.*
†G. B. Byers, M. S., *Asst. in Farm Organ. and Mgt.*
*†Z. L. Galloway, M. S., *Instr. and Asst. in Farm Mgt.*
*†M. D. Oyler, M. S., *Instr. and Asst. in Rural Life Studies.*
†A. B. Poundstone, M. S., *Asst. in Farm Mgt.*
‡R. E. Proctor, M. S., *Field Agt. in Farm Mgt.*
†W. L. Rouse, M. S., *Asst. in Farm Mgt.*

Editorial:
*‡C. A. Lewis, B. S., *Asst. Editor.*

Engineering (Agr.):
*††‡J. B. Kelley, B. S., (M. E., A. E.), *Prof. Agr. Engin.; Agr. Engin.*
*‡H. O. Matson, M. S., *Instr. and Field Agt. in Agr. Engin.*
‡E. G. Welch, B. S. A. E., *Field Agt. in Agr. Engin.*

Entomology and Botany:
*†W. A. Price, M. S., *Head of Dept. (State Ent.).*
†Encil Deen, B. S., *Seed Insp.*
†Mary LeG. Didlake, M. S., *Asst. Ent. and Bot.*
†C. O. Eddy, Ph. D., *Assoc. Ent.*
†H. H. Jewett, M. A., *Research Asst. in Ent. and Bot.*
†Mrs. Jessie T. Taylor, *Seed Analyst.*
†E. C. Vaughn, B. S., *Field Agt. in Improved Seed Prod.*

Extension (Admin.):[1]
Director Cooper *in charge.*
‡T. R. Bryant, M. S., *Asst. Dir.*
‡C. A. Mahan, M. S., *State Agt.*
‡Myrtle M. Weldon, A. M., *State Home Dem. Agt.*
‡I. C. Graddy, M. S., *Asst. State Agt.*
‡E. J. Kilpatrick, M. S., *Asst. State Agt.*
‡H. F. Link, M. S., *Asst. State Agt.*
‡Lulie E. Logan, A. B., *Asst. State Home Dem. Agt.*
‡Zelma Monroe, B. S., *Asst. State Home Dem. Agt.*
‡W. C. Wilson, B. S., *Asst. State Agt.*
‡J. W. Whitehouse, M. S., *State Club Agt.*
‡Anita Burnam, M. A., *Field Agt. in Club Work.*
‡J. M. Feltner, *Field Agt. in Club Work (P. O., London).*
‡E. E. Fish, M. S., *Field Agt. in Club Work.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Extension (Admin.)—Continued.

‡M. S. Garside, B. S., *Field Agt. in Club Work.*
‡C. W. Jones, B. S., *Field Agt. in Club Work.*
‡Garnett J. McKenney, B. S., *Field Agt. in Club Work.*
‡L. C. Brewer, B. S., *Asst. in Short Courses and Exhibits.*
‡A. C. Burnette, B. S., *Asst. in Negro Work.*

Home Economics:

*†Statie E. Erikson, Ph. D., *Head of Dept.*
*Marie R. Barkley, M. A., *Instr. Home Econ.*
†Ruth E. Boyden, M. A., *Asst. in Home Econ.*
‡Iris S. Davenport, M. A., *Field Agt. in Home Econ.*
*Laura Deephouse, M. S., *Instr. Home Econ.*
*Edith G. Grundmeier, M. S., *Asst. Prof. Home Econ.*
‡Ida C. Hagman, B. S., *Field Agt. in Home Econ.*
*L. Maye Hoover, M. S., *Instr. Home Econ.*
‡Florence Imlay, M. A., *Field Agt. in Home Econ. (Foods).*
‡Edith Lacy, M. A., *Field Agt. in Home Econ. (Clothing).*
*Gertrude E. Wade, A. M., *Assoc. Prof. Home Econ.*

Horticulture:

*†‡A. J. Olney, M. H., S. M., *Head of Dept.*
*‡N. R. Elliott, B. S., *Prof. Landsc. Arch. and Flor., Field Agt. in Hort.*
*†E. M. Emmert, Ph. D., *Instr. and Assoc. Hort.*
‡J. S. Gardner, M. A., *Field Agt. in Hort.*
‡W. W. Magill, B. S., *Field Agt. in Hort.*
*†C. S. Waltman, M. S., *Instr. and Asst. Hort.*

Markets and Rural Finance:

*†H. B. Price, Ph. D., *Head of Dept. Prof. Agr. Econ.*
†C. J. Bradley, M. S., *Asst. in Markets.*

Markets and Rural Finance—Contd.

*†D. G. Card, M. S., *Asst. Prof. Agr. Econ.; Asst. in Markets.*
†O. M. Farrington, M. S., *Asst. in Markets.*
‡E. A Johnson, M. A., *Field Agt. in Markets.*
†C. D. Phillips, M. S., *Asst. in Markets.*
‡L. A. Vennes, M. S., *Field Agt. in Markets.*

Public Service Laboratories:

†L. A. Brown, Phar. D., *Director.*
†H. F. Cunov, B. S., *Asst. Bact.*
†T. H. Green, B. S., *Asst. Bact.*
†James H. Martin, Ph. G., *Asst. Chem.*
†A. L. Meader, B. A., *Asst. Chem.*
†G. S. Terry, M. A., *Bact.*

Regulatory Work:

†J. D. Turner, LL. B., *Head Feed Control Dept.*
†H. E. Curtis, M. S., *Head Fert. Control Dept.*
†H. R. Allen, M. A., *Chem. in Fert. Control.*
†L. V. Amburgey, B. S., *Microscopist in Feed Control.*
†F. W. Fitschen, *Insp. in Feed and Fert. Control.*
†J. D. Foster, M. S., *Insp. in charge Creameries.*
†Lelah V. Gault. B. S., *Asst. Chem. in Fert. Control.*
†N. J. Howard, B. S., *Insp. Creameries.*
†Robert Mathews, *Insp. Feed and Fert. Control.*
†H. D. Spears, M. S., *Chem. in Feed Control.*
†W. G. Terrell, *Insp. in Feed and Fert. Control.*

Veterinary Science—See **Animal Industry.**

Miscellaneous:

†Grace L. Snodgrass, B. A., *Libr.*

Substations:

Robinson Substa., *P. O., Quicksand*—
R. W. Jones, Jr., *Supt.*
G. H. Wiggin, B. S. F., *For.*
Western Kentucky Substa., *P. O., Princeton*—
S. J. Lowry, B. S., *Supt.*
L. M. Caldwell, B. S., *Assistant.*

The Kentucky State Industrial College, *Frankfort*

*Agricultural faculty.

*R. B. Atwood, B. S., LL. D., *President.*
*A. T. Wood, B. S., *Head Dept. of Agr.*

*H. B. Crouch, M. S., *Assoc. Prof. Sci.*
*W. W. Jones, M. A., *Head Dept. of Sci.*
*E. M. Norris, Ph. D., *Teacher Trainer in Agr.*
*Ann Rucker, B. S., *Libr.*
*Grace M. Sullivan, M. S., *Head Dept. of Home Econ.*

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College, and the Agricultural Experiment Station, *Baton Rouge*

*College faculty. †Station staff. ‡Extension staff.

*J. M. Smith, Ph. D., *President.*
*J. G. Lee, Jr., M. S., *Dean Coll. of Agr.*
†C. T. Dowell, Ph. D., *Dir. of Station.*
†W. G. Taggart, M. S., *Asst. Dir. of Station.*
‡J. W. Bateman, M. S., *Dir. of Agr. and Home Econ. Ext.*
‡W. B. Mercier, B. S., *Dir. Emeritus of Agr. and Home Econ. Ext.*

Agronomy:

†H. B. Brown, Ph. D., *Agron.*
†J. R. Cotton, M. S., *Asst. in Agron.*
†J. P. Gray, M. S., *Assoc. Agron.*

Agronomy—Continued.

*W. R. Hendrix, M. A., *Prof. Agron.*
†H. C. Lovett, B. S., *Asst. in Agron.*
†J. F. Reed, M. S., *Asst. in Agron.*

Agronomy—Continued.

†Hugo Stoneberg, M. S., *Cereal Invest. Specialist (Coop. U. S. D. A.).*
*†M. B. Sturgis, M. S., *Assoc. Prof. Agron.; Asst. Soil Tech.*
‡R. A. Wasson, M. S., *Ext. Agron.*

Animal Industry:

*J. B. Francioni, Jr., M. S., *Prof. and Head of Coll. Dept.*
†C. I. Bray, Ph. D., *An. Husb. (P. O., Jeanerette).*
†C. W. Upp, Ph. D., *Assoc. Poultry Husb. in charge of Research.*
‡W. T. Cobb, B. S., *Beef Cattle Specialist.*
‡C. L. Hill, B. S., *Ext. An. Husb.*
*Clyde Ingram, M. S., *Asst. Prof. An. Indus.*
*†M. G. Snell, Ph. D., *Assoc. Prof. and Assoc. An. Indus.*

Animal Pathology:

*†W. T. Oglesby, D. V. M., M. S., *Asst. Prof. and Asst. An. Path.*

Botany, Bacteriology, and Plant Pathology:

*†C. W. Edgerton, Ph. D., *Prof. Bot. and Bact.; Head of Research in Plant Path.*
*C. A. Brown, Ph. D., *Asst. Prof. Bot.*
*W. N. Christopher, M. S., *Asst. Prof. Bact.*
*I. L. Forbes, M. S., *Asst. Prof. Bot.*
†P. J. Mills, M. S., *Asst. in Plant Path.*
*C. F. Moreland, Ph. D., *Assoc. Prof. Bot. and Bact.*
†L. H. Person, M. S., *Asst. Plant Path.*
†A. G. Plakidas, Ph. D., *Assoc. Plant Path.*
†E. C. Tims, Ph. D., *Assoc. Plant Path.*
*E. M. West, Ph. D., *Asst. Prof. Bot.*

Chemistry:

*C. E. Coates, Ph. D., *Prof. Chem. and Dean Coll. of Pure and Applied Sci.*
*A. R. Choppin, Ph. D., *Assoc. Prof. Chem.*
*W. R. Edwards, Jr., Ph. D., *Assoc. Prof. Chem.*
*J. L. E. Erickson, Ph. D., *Asst. Prof. Chem.*
*E. A. Fieger, Ph. D., *Assoc. Prof. Chem.*
*P. M. Horton, Ph. D., *Prof. Chem. Engin.*
*R. L. Menville, Ph. D., *Prof. Chem.*
*F. J. Robichaux, Ph. D., *Asst. Prof. Chem.*

Dairying:

*C. H. Staples, M. S., *Prof. Dairying.*
*A. J. Gelpi, Jr., M. S., *Asst. Prof. Dairying.*
†R. H. Lush, M. S., *Dairy Husb. in charge of Research.*
‡E. W. Neasham, M. S., *Dairy Specialist.*

Economics (Agr.):

*†R. L. Thompson,[1] Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*†R. J. Saville, Ph. D., *Prof. and Assoc. Agr. Econ. Actg. Head of Dept.*
*W. M. Stevens,[1] M. B. A., Ph. D., C. P. A., *Prof. Mktg.*
†H. H. Laidlaw, Jr., M. S., *Asst. in Agr. Econ.*
‡J. L. Lee, *Farm Mgt. Specialist.*
‡Mary Mims, *Ext. Sociol. and Organ. Specialist.*
‡H. S. Moles, M. S., *Supvr. Mktg. and Insp.*

Economics (Agr.)—Continued.

*†T. L. Smith, Ph. D., *Assoc. Research Prof. Rural Sociol.; Asst. Agr. Econ.*
‡M. J. Voorhies, B. S., *Ext. Econ.*

Editorial and Publicity:

†‡B. B. Mackay, *Editor.*
*‡Marjorie B. Arbour, M. A., *Asst. Agr. Editor.*

Education (Agr.):

*R. L. Davenport, Ph. D., *Prof. Agr. Ed.*
*J. C. Floyd, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

*E. B. Doran, M. S., *Prof. Agr. Engin.*
*†H. T. Barr, M. S., A. E., *Asst. Prof. and Asst. Agr. Engin.*
‡C. J. Hutchinson, B. S., *Ext. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[2]

Director Bateman *in charge.*
‡F. W. Spencer, B. S., *Asst. Dir. and State Agt.*
‡Ellen LeNoir, B. A., *State Home Dem. Agt.*
‡W. C. Abbott, B. S., *State Club Agt.*
‡M. M. LaCroix, B. S., *Asst. State Club Agt.*
‡T. J. Jordan, B. S., *State Agt. in Negro Work (P. O., Scotlandville).*
‡W. M. Babin, M. S., *Field Supvr. SE. Dist.*
‡Miss Tom Bourg, A. M., *Home Dem. Agt. SE. Dist.*
‡Julia Bowden, *Home Dem. Agt. NE. Dist.*
‡C. W. Davis, B. S., *Field Supvr. NE. Dist.*
‡Mrs. Mary Johnson, *Home Dem. Agt. SW. Dist.*
‡R. V. St. Dizier, B. S., *Field Supvr. SW. Dist.*
‡H. C. Sanders, B. S., *Field Supvr. NW. Dist.*
‡Gladys Tappan, A. M., *Home Dem. Agt. NW. Dist.*

Fertilizer and Feed Stuffs Laboratory:

†A. P. Kerr, M. S., *Chief Chem.*
†W. P. Denson, B. S., *Asst. Chem.*
†J. L. Farr, M. S., *Asst. Chem.*
†J. H. Jolly, B. S., *Asst. Chem.*
†C. C. Moreland, B. S., *Asst. Chem.*

Forestry:

*R. W. Hayes, B. S., M. F., *Prof. For.*
*B. A. Bateman, M. S., *Assoc. Prof. For.*
*A. D. Folweiler, M. F., *Asst. Prof. For.*

Home Economics:

*Helen M. Carter, Ph. D., *Prof. and Head of Dept.*
*Hazel A. Baker, A. M., *Instr. Home Econ.*
*Martha E. Hollinger, M. S., *Instr. Home Econ.*
*Ona Smith, M. A., *Instr. Home Econ.*
*Susanne Thompson, M. S., *Asst. Prof. Home Econ.*

Horticulture:

*†J. C. Miller, Ph. D., *Hort. in charge of Research.*
*B. H. Singletary, M. S., *Assoc. Prof. Hort. and Head of Coll. Dept.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

HorticultureContinued.

*†W. D. Kimbrough, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡G. L. Tiebout, B. S., *Ext. Hort.*

Sugarcane Work:

†W. G. Taggart, M. S., *Asst. Dir. Sugarcane Invest.*
†C. B. Gouaux, M. S., *in charge Outfield Work (P. O., Lafayette).*
†E. C. Simon, M. S., *Asst. in Sugarcane Invest.*

Zoology and Entomology:

*W. H. Gates, D. Sc., *Prof. Zool. and Ent.*
†W. E. Hinds, Ph. D., *Ent.*
†Norman Allen, M. S., *Asst. in Truck Crop Insect Invest. (Coop. U. S. D. A.).*
*Ellinor H. Behre, Ph. D., *Prof. Zool. and Ent.*
*H. J. Bennett, M. S., *Instr. Zool.*
‡E. C. Davis, *Bee Specialist.*
†P. K. Harrison, M. S., *Asst. in Truck Crop Insect Invest. (Coop. U. S. D. A.).*
†R. L. Mayhew, Ph. D., *Research Parasitol. (Poultry).*
*E. L. Miller, Ph. D., *Instr. Zool.*

Zoology and Entomology—Contd.

†Everett Oertel, Ph. D., *Bee Culture Invest. (Coop. U. S. D. A.).*
†B. A. Osterberger, M. S., *Asst. Ent.*
*J. H. Roberts, A. M., *Instr. Ent.*
*O. W. Rosewall, Ph. D., *Prof. Ent.*
†C. E. Smith, M. S., *Invest. in Truck Crop Insects (Coop. U. S. D. A.).*
†C. L. Stracener, M. S., *Asst. in Ent.*
†Warren Whitcomb, Jr., Ph. D., *Bee Culture Invest. (Coop. U. S. D. A.).*

Miscellaneous:

*†‡C. G. Johnson, *Auditor.*
*J. A. McMillen, A. B., B. L. S., *Libr.*
†‡Mrs. A. H. Meyer, *Agr. Libr.*

Substations:

Fruit and Truck Sta., *P. O., Hammond*—
B. Szymoniak, B. S., *Supt.*
North La. Sta., *P. O., Calhoun*—
Sidney Stewart, B. S., *Supt.*
Northeast La. Sta., *P. O., St. Joseph*—
C. B. Haddon, B. S., *Supt.*
J. F. Percy, B. S., *Assistant.*
Rice Sta., *P. O., Crowley*—
J. M. Jenkins, B. S., *Supt. (Coop. U. S. D. A.).*

Southern University and Agricultural and Mechanical College of the State of Louisiana, *Baton Rouge*

*Agricultural faculty.

*J. S. Clark, Ph. D., *President.*

*E. S. Burke, B. S., *Assoc. Prof. Agr.*
*Mrs. Minnie H. Champe, B. S., *Dir. Home Econ.*
*M. J. Clark, M. S., *Itinerant Teacher Trainer in Agr.*
*John Fisher, B. S., *Asst. Prof. Agr.*
*Cornelius King, M. S., *Dir. of Agr.*
*Rebecca F. Netterville, B. S., *Asst. Prof. Home Econ.*
*Kanata E. Rodgers, M. S., *Asst. Prof. Home Econ.*
*C. S. Shade, A. B., B. L. S., *Libr.*
*H. A. Wilson, A. M., *Prof. Agr.*

MAINE

College of Agriculture and the Agricultural Experiment Station of the University of Maine, *Orono*

*College faculty. †Station staff. ‡Extension staff.

*A. A. Hauck, Ph. D., *President of University.*
*‡A. L. Deering, Sc. D., *Dean Coll. of Agr., Dir. of Agr. Ext. Service.*
†Fred Griffee, Ph. D., *Dir. of Sta.*

Agronomy:

*J. A. Chucka, Ph. D., *Head of Dept.*
‡A. K. Gardner, B. S., *Crops Specialist.*
*S. M. Raleigh, Ph. D., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Asst. Prof. Agron. and Agr. Engin.*
‡C. N. Turner, B. S., *Agr. Engin. Specialist.*

Animal Industry:

*L. S. Corbett, M. S., *Prof. An. Indus.*
*L. M. Dorsey, M. S., *Prof. Dairy Husb.*
*L. P. Gardner, M. S., *Asst. Prof. Poultry Husb.*
*H. W. Hall, M. S., *Asst. Prof. An. Indus.*
‡H. L. Richardson, B. S., *Poultry Specialist.*
*J. R. Smyth, M. S., *Assoc. Prof. Poultry Husb.*
‡R. F. Talbot, B. S., *Dairy Specialist.*
*J. F. Witter, B. S., D. V. M., *Asst. Prof. An. Path.*

Bacteriology:

*E. R. Hitchner, Ph. D., *Prof. Bact.*

Biology:

†W. F. Dove, Ph. D., *Biol. (An. Brdg. and Nutr.).*
†J. W. Gowen, Ph. D., *Biol. (Collaborating).*
†R. M. Bailey, B. S., *Assoc. Biol. (Plant Brdg. and Nutr.).*
†Mrs. Iva M. Burgess, M. S., *Asst. in Biol.*
†F. B. Chandler, B. S., *Asst. Biol. (Blueberry Invest.).*
†J. A. Chucka, Ph. D., *Assoc. Biol. (Plant Brdg. and Nutr.).*
†Mildred R. Covell, *Asst. in Biol.*
†D. S. Fink, Ph. D., *Assoc. Biol. (Plant Brdg. and Nutr.).*
†Mrs. Emmeline W. Kenney, *Lab. Asst. in Biol.*
†D. B. Lovejoy, B. S., *Lab. and Field Asst. (Plant Brdg. and Nutr.).*
†I. C. Mason, M. S., *Lab. and Field Asst (Blueberry Invest.).*
†Elizabeth F. Murphy, B. A., *Asst. in An. Brdg. and Nutr.*

Botany and Entomology:[1]

*F. H. Steinmetz, Ph. D., *Prof. Bot. and Ent.*
*C. O. Dirks, M. S., *Asst. Prof. Ent.*

[1] See also Entomology.

Botany and Entomology—Continued.

*Fay Hyland, M. S., *Asst. Prof. Bot.*
*†G. P. Steinbauer, Ph. D., *Asst. Prof. Bot.; Seed Analyst.*

Chemistry (Biol. and Agr.):

†J. M. Bartlett, Sc. D., *Chem.*
*H. W. Smith, Ph. D., *Prof. Biol. and Agr. Chem.*
*M. E. Freeman, Ph. D., *Asst. Prof. Biol. and Agr. Chem.*
†B. E. Plummer, Jr., M. S., *Asst. Chem.*
†E. R. Tobey, M. S., Ch. E., *Chem.*
†C. H. White, Ph. C., *Assoc. Chem.*

Economics (Agr.) and Farm Management:

*†C. H. Merchant, Ph. D., *Prof. Agr. Econ. and Farm Mgt.; Agr. Econ.*
‡R. N. Atherton, B. S., *Ext. Econ., Mktg.*
†Magretta Blackmore, *Asst. in Agr. Econ.*
*†G. F. Dow, M. S., *Assoc. Prof. Agr. Econ. and Farm Mgt.; Assoc. Agr. Econ.*
*M. D. Jones, M. S., *Prof. Agr. Econ. and Farm Mgt.*
†Elaine M. Pooler, *Chief Asst. in Agr. Econ.*
‡D. W. Reed, B. S., *Ext. Econ., Farm Mgt.*
†W. E. Schrumpf, M. S., *Asst. Agr. Econ.*

Editorial:

‡G. K. Rule, B. S., *Agr. Editor.*

Education (Agr.):

*H. S. Hill, A. B., *Prof. and State Supvr. Agr. Ed.*

Entomology:

†Edith M. Patch, Ph. D., *Ent.*
†F. H. Lathrop, Ph. D., *Ent.*
†Alice W. Averill, *Lab. Asst. in Ent.*
†J. H. Hawkins, M. S., *Asst. Ent.*
†G. W. Simpson, M. A., *Asst. Ent.*

Extension (Admin.): [1]

Director Deering *in charge.*
‡G. E. Lord, B. S., *Asst. Dir. and County Agt. Leader.*
‡Estelle Nason, B. S., *State Home Dem. Leader.*
‡L. H. Shibles, A. B., *State Club Leader.*
‡Loana M. Spearin, *Asst. State Club Leader.*

Forestry:

*D. B. Demeritt, B. S., M. F., *Prof. For.*
*R. I. Ashman, A. B., M. F., *Asst. Prof. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
*A. W. Goodspeed, B. S., M. F., *Assoc. Prof. For.*
‡A. D. Nutting, B. S., *For. Specialist.*

Home Economics:

*†Pearl S. Greene, M. A., *Prof. Home Econ.; Home Econ.*
†Mary M. Clayton, Ph. D., *Nutr.*
‡Edna M. Cobb, B. S., *Home Mgt. Specialist.*
*Gladys M. Gould, B. S., *Instr. Home Econ.*
*Helene Heye, M. S., *Asst. Prof. Home Econ.*
†Merna M. Monroe, M. S., *Asst. in Home Econ. Research.*
*Marguerite R. Musgrave, M. A., *Asst. Prof. Home Econ.*
*Beulah E. Osgood, M. A., *Instr. Home Econ.*
‡Helen C. Spaulding, B. S., *Clothing Specialist.*
*Mrs. Mabel L. Stewart, B. S., *Instr. Home Econ.*
*†Mrs. Marion D. Sweetman, Ph. D., *Prof. and Assoc. Home Econ.*
‡Therese E. Wood, B. S., *Foods Specialist.*

Horticulture:

*J. H. Waring, Ph. D., *Prof. Hort.*
*Roger Clapp, M. S., *Asst. Prof. Hort.*
‡A. K. Gardner, B. S., *Orchard Specialist.*
*R. M. Riley, M. S., *Asst. Prof. Hort.*

Plant Pathology:

†Donald Folsom, Ph. D., *Plant Path.*
†Gladys E. Babbin, *Seed Analyst and Lab. Asst. in Plant Path.*
†Reiner Bonde, M. S., *Assoc. Plant Path.*
†Florence L. Markin, M. S., *Asst. Plant Path.*

Short Courses:

*F. P. Loring, B. S., *Dir.*

Substations:

Aroostook Farm, *P. O., Presque Isle*—S. O. Hanson, *Supt.*
Highmoor Farm, *P. O., Monmouth*—I. H. Cheney, B. S., *Supt.*

MARYLAND

Colleges of Agriculture and Home Economics, Agricultural Experiment Station, and the Extension Service of the University of Maryland, *College Park*

*College faculty. †Station staff. ‡Extension staff.

*R. A. Pearson, M. S., LL. D., D. Agr., *President of University.*
*†H. J. Patterson, D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡T. B. Symons, M. S., D. Agr., *Dir. of Ext. Service.*
*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*

Agronomy:

*†J. E. Metzger, M. A., *Prof. Agron.; Agron. and Asst. Dir. of Sta.*
*†O. C. Bruce, M. S., *Prof. and Assoc. Soil Tech.*
*†G. F. Eppley, M. S., *Assoc. Prof. and Asst. Agron.*

Agronomy—Continued.

*†W. B. Kemp, Ph. D., *Prof. Agron. and Genetics, Asst. Dean Coll. of Agr.; Assoc. Agron. (Genetics).*
†G. F. Madigan, B. S., *Asst. Agron.*
‡F. W. Oldenburg, B. S., *Agron. Specialist.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Agronomy—Continued.

†R. G. Rothgeb, Ph. D., *Assoc. Agron. (Plant Brdg.).*
†E. H. Schmidt, M. S., *Asst. Agron. (Soils).*
†R. L. Sellman, B. S., *Asst. Agron.*
*†R. P. Thomas, Ph. D., *Assoc. Prof. and Soil Tech.*
†H. B. Winant, M. S., *Asst. Agron. (Soils).*

Animal and Dairy Husbandry:

*††‡DeVoe Meade, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
*†B. E. Carmichael, M. S., *Prof. An. Husb.; An. Husb.*
†H. L. Ayres, *Specialist in Dairy Mfg.*
‡H. C. Barker, B. S., *Dairy Specialist.*
†M. H. Berry, M. S., *Asst. Dairy Husb.*
‡J. A. Conover, B. S., *Dairy Specialist.*
*†C. W. England, Ph. D., *Asst. in Dairy Mfg.*
*†W. E. Hunt,[1] M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†L. W. Ingham, M. S., *Assoc. Prof. and Assoc. in Dairy Prod.*
‡J. M. Vial, B. S., *An. Husb. Specialist.*

Animal Pathology and Bacteriology:

——— ———, *Prof. Bact. and An. Path.; An. Path.*
*†M. T. Bartram, M. S., *Asst. in Bact. (Meat Curing).*
*L. A. Black, Ph. D., *Assoc. Prof. Bact.*
†A. L. Brueckner, B. S., V. M. D., *Specialist in An. Diseases.*
†C. R. Davis, D. V. M., M. S., *Asst. An. Path. (Poultry).*
†H. M. De Volt, D. V. M., M. S., *Asst. An. Path. (Poultry).*
†C. L. Everson, D. V. M., *Asst. An. Path. (Coop. U. S. D. A.).*
*J. E. Faber, Jr., M. S., *Instr. Bact.*
†Alexander Gow, Jr., D. V. M., *Asst. in An. Path.*
†I. M. Moulthrop, D. V. M., *Asst. An. Path. (Poultry).*
†L. J. Poelma, D. V. M., M. S., *Asst. An. Path.*
*†R. C. Reed, Ph. B., D. V. M., *Prof. An. Path.; An. Path.*
‡M. F. Welsh, B. S., D. V. M., *Insp. in charge Hog Cholera.*

Botany:

*†C. O. Appleman, Ph. D., *Prof. Bot. and Plant Physiol.; Plant Physiol. Dean of Grad. School.*
*†Ronald Bamford, Ph. D., *Assoc. Prof. and Assoc. Bot.*
*†G. A. Greathouse, Ph. D., *Asst. Prof. Plant Physiol. and Biophys.; Asst. Plant Physiol.*
††‡J. W. Heuberger, Ph. D., *Asst. Plant Path.*
‡H. A. Hunter, M. S., *Canning Crops Path.*
††R. A. Jehle, Ph. D., *Assoc. and Specialist in Plant Path.*
*†J. B. S. Norton, D. Sc., *Prof. Bot. and Mycol.; Plant Path.*
*†M. W. Parker, Ph. D., *Asst. Prof. Plant Physiol. and Biochem.; Asst. Plant Physiol.*
†N. W. Stuart, Ph. D., *Asst. Plant Physiol.*
*††C. E. Temple, M. A., *Prof. and Specialist in Plant Path. (State Plant Path.).*

Chemistry:

*L. B. Broughton, Ph. D., *Prof. Agr. and Food Chem. (State Chem.).*

Chemistry—Continued.

*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
*H. B. McDonnell, M. S., M. D., *Prof. Agr. Chem.*
*R. C. Wiley, Ph. D., *Assoc. Prof. Anal. Chem.*

Economics (Agr.) and Farm Management:

*††‡S. H. DeVault, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*W. T. L. Taliaferro, D. Sc., *Prof. Farm Mgt.*
‡J. A. Dickey, M. A., *Farm Mgt. Specialist.*
*†A. B. Hamilton, M. S., *Asst. Agr. Econ.*
‡W. E. Harrison, *Asst. Mktg. Specialist.*
‡P. E. Nystrom, M. S., *Farm Mgt. Specialist.*
*†Ralph Russell, M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡P. W. Smith, M. S., *Asst. in Econ. and Statistics.*
†W. P. Walker, M. S., *Asst. Agr. Econ.*
‡E. P. Walls, M. S., *Mktg. Specialist.*

Editorial—See **Journalism.**

Education (Agr.):[2]

*H. F. Cotterman, Ph. D., *Prof. Agr. Ed. and Rural Sociol.*
‡C. S. Richardson, A. M., *Specialist in Ed. Ext.*
*L. G. Worthington, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*††‡R. W. Carpenter, A. B., LL. B., *Prof. Agr. Engin.; Agr. Engin.*
‡A. V. Krewatch, M. S., E. E., *Agr. Engin. Specialist.*

Entomology:

*††‡E. N. Cory, Ph. D., *Prof. Ent.; Ent. (State Ent.).*
*†‡G. J. Abrams, M. S., *Specialist in Apiculture.*
††‡L. P. Ditman, Ph. D., *Asst. Ent.*
††‡Castillo Graham, M. S., *Asst. Specialist in Ent.*
*Paul Knight, M. S., *Asst. Prof. Ent.*
††‡G. S. Langford, Ph. D., *Assoc. Ent. and Specialist in Insect Control.*
*†H. S. McConnell, M. S., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.):[3]

Director Symons *in charge.*
‡E. I. Oswald, B. S., *County Agt. Leader.*
‡Dorothy Emerson, *State Girls' Club Agt.*
‡E. G. Jenkins, *State Boys' Club Agt.*
‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
‡P. E. Nystrom, M. S., *Asst. County Agt. Leader.*

Forestry (Farm):

*F. W. Besley, M. F., D. Sc., *Prof. Farm For. (State For.).*
‡K. J. Seigworth, B. S., *Ext. For.*

Home Economics:

Dean Mount *in charge, and Prof. Home and Institution Mgt.*
*Nellie Buckey, B. S., *Asst. in Home Econ. Ed.*
*Lucile Hartmann, M. S., *Instr. Foods, Nutr., and Institution Mgt.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*

---

[1] On leave.
[2] Courses given in College of Education.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy husbandry, etc.

Home Economics—Continued.

*Jane Kirk, B. S., *Asst. in Home Econ. Ed.*
*Mary J. McCurdy, B. S., *Asst. in Home Econ.*
*Mrs. Frieda M. McFarland, M. A., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
‡Margaret McPheeters, M. S., *Nutr. Specialist.*
*Eleanor L. Murphy, M. A., *Asst. Prof. Home Mgt.*
‡Helen Shelby, M. A., *Clothing Specialist.*
*Mrs. Claribel P. Welsh, M. A., *Assoc. Prof. Foods.*
*Mrs. F. H. Westney, M. A., *Instr. Textiles and Clothing.*

Horticulture:

*†J. H. Beaumont, Ph. D., *Prof. Hort.; Hort.*
*†E. C. Auchter, Ph. D., *Lect. in Hort. (Coop. U. S. D. A.).*
‡W. R. Ballard, B. S., *Veg. and Landsc. Gard. Specialist.*
*J. B. Blandford, *Instr. Hort.*
*V. R. Boswell, Ph. D., *Lect. in Oler. (Coop. U. S. D. A.).*
*†H. B. Cordner, Ph. D., *Asst. Prof. and Asst. Oler.*
*†W. A. Frazier, Ph. D., *Asst. Prof. and Asst. in Canning Crops.*
†F. E. Gardner, Ph. D., *Pomol. (Coop. U. S. D. A.).*
‡T. D. Holder, B. S., *Canning Crops Specialist.*

Horticulture—Continued.

†F. B. Lincoln, Ph. D., *Assoc. in Plant Propagation.*
*†A. L. Schrader, Ph. D., *Prof. Pomol.; Pomol.*
‡M. M. Shoemaker, A. B., M. L. D., *Asst. Landsc. Gard. Specialist.*
*A. S. Thurston, M. S., *Prof. Flor. and Landsc. Gard.*
‡A. F. Vierheller, M. S., *Hort. Specialist.*
*†S. W. Wentworth, M. S., *Assoc. Prof. and Assoc. Pomol.*
†T. H. White, M. S., *Oler. and Flor.*

Journalism:

‡A. H. Snyder, B. S., *Ext. Editor.*
‡O. R. Carrington, B. A., *Asst. Specialist in Agr. Journalism.*

Poultry Husbandry:

*†R. H. Waite, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†G. D. Quigley, B. S., *Asst. Prof. and Assoc. Poultry Husb.*
‡P. A. Raper, B. S., *Asst. Poultry Mktg. Specialist.*
‡W. H. Rice, B. S., *Poultry Specialist.*

Seed Inspection:

†F. S. Holmes, M. S., *Seed Insp. and Analyst.*
†Ellen P. Emack, *Asst. Seed Analyst.*
†Olive M. Kelk, *Asst. Seed Analyst.*

Miscellaneous:

*Grace L. Barnes, B. S., B. L. S., *Libr.*
†Albert White, B. S., *Supt. Ridgely Farm (P. O., Ridgely).*

Princess Anne Academy, Eastern Branch of the University of Maryland, *Princess Anne*

*Agricultural faculty.

*T. H. Kiah, Ped. D., *Principal. Theory of Agr.*

*Mrs. Mary E. Anderson, B. S., *Head Dept. of Home Econ.*
*F. A. Arnold, B. S., *Sci. and Agr.*
*L. A. Marshall, M. S., *Head Dept. of Agr. and in charge Dem. Farm.*
*Mrs Thelma E. Skelton, B. S., *Dom. Art.*

MASSACHUSETTS

Massachusetts State College and the Agricultural Experiment Station, *Amherst*

*College faculty. †Station staff. ‡Extension staff.

*H. P. Baker, M. F., D. Oec., LL. D., *President.*
*W. L. Machmer, A. M., *Dean.*
*†F. J. Sievers, M. S., *Dir. of Sta. and Dir. of Grad. School.*
‡W. A. Munson, B. S., *Dir. of Ext. Service.*

Agronomy:

*†W. S. Eisenmenger, Ph. D., *Head of Dept.*
†A. B. Beaumont, Ph. D., *Research Prof. Agron.*
*†L. S. Dickinson, B. S., *Asst. Prof. and Asst. Agron.*
‡R. W. Donaldson, A. B., *Ext. Agron.*
*J. L. Haddock, M. S., *Instr. Agron.*
†C. V. Kightlinger, Ph. D., *Tobacco Disease Invest. (Coop. U. S. D. A.).*
†M. E. Snell, *Tech. Asst. in Agron.*
*C. H. Thayer, *Voc. Instr. Agron.*

Animal Husbandry:

*†V. A. Rice, M. Agr., *Head of Dept. and Head Div. of Agr.*
†J. G. Archibald, M. S., *Asst. Research Prof. An. Husb.*
‡C. J. Fawcett, B. S., *Ext. An. Husb.*
*R. C. Foley, M. S., *Instr. An. Husb.*
*G. V. Glatfelter, M. S., *Asst. Prof. An. Husb.*

Animal Husbandry—Continued.

*†C. H. Parsons, M. S., *Asst. Prof. An. Husb.; Farm Supt.*
*R. W. Phillips, Ph. D., *Instr. An. Husb.*

Bacteriology and Physiology:

*G. E. Gage, Ph. D., *Head of Dept.*
*†L. A. Bradley, Ph. D., *Prof. Bact.; Bact.*
*Aldis E. Flint, *Tech. Asst. in Bact.*
†R. L. France, M. S., *Asst. Research Prof. Bact.*
†J. E. Fuller, Ph. D., *Asst. Research Prof. Bact.*
*Mary E. M. Garvey, B. S., *Instr. Bact.*
*R. C. Packard, M. S., *Voc. Instr. Bact.*

Botany:

*†A. V. Osmun, M. S., *Head of Dept.*
*Carrolle E. Anderson, B. S., *Instr. Bot.*
†A. S. Ball, *Lab. Asst. in Bot.*

Botany—Continued.

‡O. C. Boyd, Ph. D., *Ext. Plant Path.*
*O. L. Clark, B. S., *Assoc. Prof. Bot.*
*W. H. Davis, Ph. D., *Asst. Prof. Bot.*
†W. L. Doran, M. S., *Research Prof. Bot.*
†E. F. Guba, Ph. D., *Asst. Research Prof. Bot. (P. O., Waltham).*
†L. H. Jones, Ph. D., *Asst. Research Prof. Bot.*
†Gladys I. Miner, *Curator.*
*R. E. Torrey, Ph. D., *Assoc. Prof. Bot.*

Chemistry:

*†W. S. Ritchie, Ph. D., *Head of Dept.*
*J. S. Chamberlain, Ph. D., *Goessmann Prof. Chem.*
†H. D. Haskins, B. S., *Chief of Fert. Control Lab.*
†P. H. Smith, M. S., *Chief of Lab. in Feed, Seed, and Dairy Glassware Control.*
†H. L. Allen, *Lab. Asst. in Chem.*
†Emmett Bennett, M. S., *Research Asst. in Chem.*
†H. R. De Rose, M. S., *Asst. Chem. in Feed and Fert. Control.*
*R. W. Fessenden, Ph. D., *Asst. Prof. Inorg. Chem.*
†E. B. Holland, Ph. D., *Research Prof. Chem.*
†J. T. Howard, *Insp.*
†C. P. Jones, M. S., *Asst. Research Prof. Chem.*
†J. W. Kuzmeski, B. S., *Junior Chem. in Feed and Fert. Control.*
*Majel M. MacMasters, Ph. D., *Lab. Asst. in Chem.*
†F. A. McLaughlin, B. S., *Senior Seed Analyst in Seed Control.*
†F. W. Morse, M. S., *Research Prof. Chem.*
†L. R. Parkinson, *Tech. Asst.*
*E. M. Parrott, M. S., *Instr. Chem.*
*C. A. Peters, Ph. D., *Prof. Inorg. and Soil Chem.*
*Paul Serex, Ph. D., *Asst. Prof. Chem.*
†A. F. Spelman, B. S., *Junior Chem.*

Dairy Industry:

*†J. H. Frandsen, M. S., *Head of Dept.*
*F. T. Canavan, *Supt. of Dairy Mfrs.*
*H. G. Lindquist, M. S., *Voc. Instr. Dairy Indus.*
‡W. P. B. Lockwood, M. S., *Specialist in Dairying (P. O., Boston).*
*M. J. Mack, M. S., *Asst. Prof. Dairy Indus.*
†W. S. Mueller, M. S., *Asst. Research Prof. Dairy Indus.*

Economics (Agr.):

*†A. E. Cance, Ph. D., *Head of Dept.*
‡E. W. Bell, M. S., *Asst. Ext. Econ.*
†J. Elizabeth Donley, A. B., *Lab. Asst. in Agr. Econ.*
*Mary J. Foley, Ph. D., *Instr. Agr. Econ.*
†Lorian P. Jefferson, A. M., *Asst. Research Prof. Agr. Econ.*
*A. H. Lindsey, Ph. D., *Prof. Agr. Econ.*
†David Rozman, Ph. D., *Asst. Research Prof. Agr. Econ.*
†Ruth E. Sherburne, B. S., *Research Asst. in Agr. Econ.*
‡G. W. Westcott, M. S., *Ext. Agr. Econ.*

Economics, History, and Sociology:

*A. A. Mackimmie, A. M., *Head of Dept.*
*F. M. Cutler, Ph. D., *Asst. Prof. History and Sociol.*

Editorial:

‡G. O. Oleson, M. S., *Ext. Editor.*
†F. Ethel Felton, B. A., *Sta. Editor.*
‡J. C. Baker, B. S., *Ext. Editor.*

Education (Agr.):

*W. S. Welles, B. S., M. Ed., *Head of Dept.*

Engineering (Agr.):

*†C. I. Gunness, B. S., *Head of Dept. and Met.*
‡W. C. Harrington, M. E., *Ext. Agr. Engin.*
*M. J. Markuson, B. S., *Asst. Prof. Agr. Engin.*
*J. B. Newlon, *Instr. Agr. Engin.*
*G. F. Pushee, *Instr. Agr. Engin.*
*W. H. Tague, B. S., *Asst. Prof. Agr. Engin.*

Entomology, Zoology, and Geology:

*C. E. Gordon, Ph. D., *Head of Dept.*
*C. P. Alexander, Ph. D., *Prof. Ent.*
†A. I. Bourne, B. A., *Research Prof. Ent.*
*G. C. Crampton, Ph. D., *Prof. Insect Morphol.*
*C. R. Kellogg, A. M., *Asst. Prof. Ent. and Beekeeping.*
‡E. M. Mills, *Rodent Control Specialist (Coop. U. S. D. A.).*
*Miriam Morse, M. S., *Instr. Zool.*
*H. L. Sweetman, Ph. D., *Asst. Prof. Ent.*
*H. E. Warfel, M. S., *Asst. Prof. Zool.*
†W. D. Whitcomb, B. S., *Research Prof. Ent. (P. O., Waltham).*

Extension (Admin.):[1]

Director Munson *in charge.*
‡S. R. Parker, B. S., *County Agt. Leader.*
‡Mrs. Annette T. Herr, A. M., *State Home Dem. Leader.*
‡G. L. Farley, M. S., *State Club Leader.*
‡E. S. Carpenter, M. S., *Secy.*
‡Tena Bishop, B. S., *Asst. State Club Leader.*
‡Marion E. Forbes, B. S., *Asst. State Club Leader.*
‡H. A. Leland, B. S., *Asst. State Club Leader.*
‡E. H. Nodine, B. S., *Asst. State Club Leader.*

Farm Management:

*†R. L. Mighell, M. S., *Acty. Head of Dept.*
*R. H. Barrett, M. S., *Asst. Prof. Farm Mgt.*
‡F. H. Branch, B. S., *Specialist in Farm Mgt.*
‡R. E. Moser, M. S., *Specialist in Farm Mgt.*
†Mrs. Doris W. Robertson, A. B., *Research Asst. in Farm Mgt.*

Forestry:

*R. P. Holdsworth, B. S., M. F., *Head of Dept.*
‡R. B. Parmenter, B. S., *Ext. For. (P. O., Boston).*
*J. H. Rich, B. S., *Asst. Prof. For.*

Home Economics:

*Edna L. Skinner, M. A., *Head of Div.*
†Helen S. Mitchell, Ph. D., *Research Prof. Home Econ.*
*Mildred Briggs, M. S., *Asst. Prof. Home Econ.*
‡May E. Foley, A. M., *Ext. Nutr.*
‡Grace B. Gerard, B. S., *Home Furnishing Specialist.*
*Margaret Hamlin, A. B., *Voc. Counselor for Women.*

---

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

‡Mrs. Harriet J. Haynes, B. S., *Ext. Home Econ., Home Mgt.*
*Helen Knowlton, M. A., *Asst. Prof. Home Econ.*
‡H. Ruth McIntire, B. S., *Rural Recreation Specialist.*
†Oreana A. Merriam, B. S., *Lab. Asst. in Home Econ.*
‡Mrs. Ruth D. Morley, B. S., *Child Development Specialist.*
†Margaret O'Donnell, *Lab. Asst. in Home Econ.*
‡Mrs. Esther C. Page, B. S., *Clothing Specialist.*

Horticulture:

*R. A. Van Meter, M. S., *Head of Div. and Prof. Pomol.*
*F. A. Waugh, D. Sc., L. H. D., *Head Dept. of Landsc. Arch.*
*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*†F. C. Sears, M. S., *Head Dept. of Pomol.*
†J. K. Shaw, Ph. D., *Research Prof. Pomol.*
*†C. L. Thayer, B. S., *Head Dept. of Flor.*
*W. H. Armstrong, S. B., M. L. A., *Supt. of Grounds.*
†J. S. Bailey, M. S., *Asst. Research Prof. Pomol.*
*L. L. Blundell, B. S., *Prof. Hort.*
†J. A. Clague, M. S., *Research Asst. in Hort. Mfrs.*
‡W. R. Cole, *Specialist in Hort. Mfrs.*
‡A. M. Davis, B. S., *Asst. Ext. Hort.*
†P. W. Dempsey, B. S., *Asst. Research Prof. Hort.*
†E. B. Donnelly, *Tech. Asst. in Flor. (P. O., Waltham).*
†C. R. Fellers, Ph. D., *Research Prof. Hort. Mfrs.*
*A. P. French, M. S., *Asst. Prof. Pomol.*
*A. K. Harrison, *Prof. Landsc. Arch.*
*S. C. Hubbard, *Asst. Prof. Flor.*
†Mary C. Hughes, *Lab. Asst. in Pomol.*
†R. M. Koon, M. S., *Research Prof. Hort. (P. O., Waltham).*
*W. J. Lowry, M. S., *Instr. Hort.*
*C. C. Rice, M. S., *Instr. Hort. Mfrs.*
*O. C. Roberts, B. S., *Instr. Pomol.*
*James Robertson, Jr., B. A., *Instr. Landsc. Arch.*
*D. E. Ross, B. S., *Instr. Flor.*
*G. B. Snyder, M. S., *Asst. Prof. Oler.*
‡W. H. Thies, M. S., *Ext. Hort. (Pomol.).*
*A. P. Tuttle, M. S., *Instr. Veg. Gard.*
†H. E. White, M. S., *Asst. Research Prof. Flor. (P. O., Waltham).*

Horticulture—Continued.

†R. E. Young, M. S., *Asst. Research Prof. Veg. Gard. (P. O., Waltham).*

Physics:

*W. F. Powers, Ph. D., *Head of Dept.*
*G. W. Alderman, A. B., *Asst. Prof. Phys.*
*W. H. Ross, Ph. D., *Lab. Asst. in Phys.*

Poultry Husbandry:

*†J. C. Graham, B. S., *Head of Dept.*
*Luther Banta, B. S., *Asst. Prof. Poultry Husb.*
†F. A. Hays, Ph. D., *Research Prof. Poultry Husb.*
‡G. T. Klein, M. S., *Ext. Poultry Husb.*
†Ruby Sanborn, A. B., *Research Asst. in Poultry Husb.*
*W. C. Sanctuary, M. S., *Prof. Poultry Husb.*
*J. H. Vondell, *Instr. Poultry Husb.*

Veterinary Science:

*†J. B. Lentz, A. B., V. M. D., *Head of Dept.*
†Henry Van Roekel, M. S., D. V. M., *Chief of Poultry Disease Control Lab.*
†K. L. Bullis, D. V. M., *Asst. Vet. Path.*
†Miriam K. Clarke, M. S., *Lab. Asst. in Poultry Disease Control.*
†O. S. Flint, B. S., *Asst. Research Prof. Vet. Path.*
†C. S. Gibbs, D. V. M., Ph. D., *Research Prof. Vet. Sci.*
†Felicia Zimnoski, *Lab. Asst. in Poultry Disease Control.*

Miscellaneous:

†E. F. Gaskill, B. S., *in charge Sta. Service.*
*†B. B. Wood, A. B., *Libr.*
*†F. C. Kenney, *Treas.*
*R. H. Verbeck, B. S., *Dir. of Short Courses.*
*R. D. Hawley, B. S., *Secy.*

Substations:

Cranberry Substa., *P. O., East Wareham*—
H. J. Franklin, Ph. D., *in charge.*
H. F. Bergman, Ph. D., *Senior Path. (Cranberry Diseases: Coop. U. S. D. A.).*
W. E. Truran, *Agt. (Cranberry Diseases: Coop. U. S. D. A.).*
Waltham Field Sta., *P. O., Waltham*—
R. M. Koon, M. S., *in charge.*
H. A. Wilson, *Foreman.*

MICHIGAN

Michigan State College of Agriculture and Applied Science and the Agricultural Experiment Station, *East Lansing*

*College faculty. †Station staff. ‡Extension staff.

*R. S. Shaw, D. Agr., *President.*
*E. L. Anthony, M. S., *Dean Div. of Agr.*
†V. R. Gardner, M. S., *Dir. of Expt. Sta.*
‡R. J. Baldwin, B. S., *Dir. of Ext. Div.*

Animal Husbandry:

*†G. A. Brown, B. S., *Head of Dept.*
†L. H. Blakeslee, B. S., *Research Asst. in An. Husb.*
*†G. A. Branaman, M. S., *Asst. Prof. and Research Asst. in An. Husb.*
*†V. A. Freeman, M. S., *Asst. Prof. and Research Asst. An. Husb.*

Animal Husbandry—Continued.

*†R. S. Hudson, B. S., *Assoc. Prof. and Research Assoc. An. Husb., Supt. of Farm.*
‡D. H. La Voi, B. S., *An. Husb. Specialist.*
‡H. F. Moxley, B. S., *An. Husb. Specialist.*

Bacteriology—See **Veterinary Science.**

Botany and Plant Pathology:

*†E. A. Bessey, Ph. D., *Head of Dept., Dean of Grad. School.*
*†H. C. Beeskow, M. S., *Instr. Bot.; Asst. in Plant Physiol.*
*†Donald Cation, M. S., *Research Asst. in Plant Path.*
†L. C. Cochran, M. S., *Asst. in Plant Path.*
*H. T. Darlington, Ph. D., *Assoc. Prof. Bot.*
*Richard de Zeeuw, Ph. D., *Assoc. Prof. Bot.*
†C. W. Frutchey, M. S., *Asst. in Plant Path.*
*†R. P. Hibbard, Ph. D., *Assoc. Prof. Bot.; Research Assoc. in Plant Physiol.*
†‡J. H. Muncie, Ph. D., *Research Assoc. and Specialist in Plant Path.*
*†Ray Nelson, Ph. D., *Instr. and Research Assoc. in Plant Path.*
*†F. C. Strong, M. S. *Asst. Prof. Bot.; Research Asst. in Plant Path.*
†Mrs. Miriam C. Strong, M. S., *Research Asst. in Plant Path.*
*E. F. Woodcock, Ph. D., *Assoc. Prof. Bot.*

Chemistry:

*A. J. Clark, A. B., *Head of Coll. Dept.*
†E. J. Miller, Ph. D., *Sta. Chem.*
*C. D. Ball, Jr., M. S., *Assoc. Prof. Chem.*
†Selma L. Bandemer, M. S., *Research Asst. in Chem.*
*R. L. Bateman, M. A., *Instr. Chem.*
†Lillian I. Butler, M. S., *Asst. in Chem.*
*T. L. Canniff, M. S., *Instr. Chem.*
*R. J. Davis, B. S., *Instr. Chem.*
†C. W. Duncan, M. S., *Research Asst. in Agr. Chem.*
*H. W. Eck, M. A., *Instr. Chem.*
*D. T. Ewing, Ph. D., *Prof. Phys. Chem.*
*H. C. Gutekunst, M. S., *Instr. Chem.*
*B. E. Hartsuch, A. B., *Assoc. Prof. Chem.*
*C. A. Hoppert, Ph. D., *Assoc. Prof. Chem.*
*R. C. Huston, Ph. D., *Prof. Org. Chem.*
*Elmer Leininger, M. S., *Asst. Prof. Chem.*
*W. C. Lewis, M. A., *Asst. Prof. Chem.*
†C. C. Lightfoot, M. S., *Asst. in Agr. Chem.*
*O'Neal Mason, M. A., *Asst. Prof. Chem.*
*P. F. Neumann, M. S., *Instr. Chem.*
†P. J. Schaible, Ph. D., *Research Asst. in Chem.*
*E. C. Tabor, M. S., *Instr. Chem.*
*R. M. Warren, M. S., *Instr. Chem.*
†O. B. Winter, M. S., *Research Assoc. in Chem.*

Dairy Husbandry:

*†E. L. Anthony, M. S., *Head of Dept.*
‡A. C. Baltzer, B. S., *Dairying Specialist.*
*†Ira Gould, M. S., *Instr. Dairy Mfrs.; Research Asst. in Dairy Husb.*
‡J. G. Hays, B. S., *Dairying Specialist.*
‡R. E. Horwood, M. S., *Dairying Specialist (P. O., Marquette).*
*†C. F. Huffman, M. S., *Asst. Prof. and Research Assoc. in Dairy Husb.*
*L. W. Lamb, M. S., *Instr. Dairy Husb. and Supt. Official Testing.*
*†P. S. Lucas, M. S., *Assoc. Prof. Dairy Mfrs.; Research Assoc. in Dairy Husb.*
†L. A. Moore, M. S., *Research Asst. in Dairy Husb.*

Dairy Husbandry—Continued.

*†G. E. Taylor, M. S., D. V. M., *Asst. Prof. and Research Asst. Dairy Husb.*
*†G. M. Trout, M. S., *Asst. Prof. Dairy Mfrs.; Research Asst. in Dairy Husb.*

Economics (Agr.):

*†H. S. Patton, Ph. D., *Head of Dept.*
*†W. O. Hedrick, Ph. D., *Prof. and Research Assoc. Econ.*
*E. A. Gee, A. M., *Assoc. Prof. Econ.*
‡R. V. Gunn, M. S., *Ext. Econ.*
‡Arthur Howland, B. S., *Ext. Econ.*
*C. S. Logsdon, M. A., *Asst. Prof. Econ.*
‡A. B. Love, B. S., *Specialist in Coop. Mktg.*
*†G. N. Motts, Ph. D., *Instr. and Research Asst. in Econ.*
‡C. L. Nash, B. S., *Specialist in Coop. Mktg.*
‡Gifford Patch, Jr., B. S., *Ext. Econ.*
*†F. M. Thrun, Ph. D., *Assoc. Prof. and Research Assoc. in Econ.*
*†Orion Ulrey, B. S., *Asst. Prof. and Research Asst. in Econ.*

Editorial—See **Publications.**

Education (Agr.):

*E. L. Austin, Ph. D., *Head of Dept.*
*Mrs. Merle D. Byers, M. A., *Assoc. Prof. Home Econ. Ed.*
*E. L. Grover, M. A., *Assoc. Prof. Ed.*
*Helen Hartman, B. S., *Supervising Teacher in Home Econ. Ed.*
*L. H. Kelly, M. S., *Supervising Teacher in Agr. Ed.*
*Mrs. Nila B. Laidlow, B. S., *Supervising Teacher in Home Econ.*
*R. S. Linton, M. A., *Asst. Prof. Agr. Ed.*
*M. Gladys Love, B. S., *Supervising Teacher in Home Econ.*
*F. T. Mitchell, Ph. D., *Assoc. Prof. Ed.*
*Esther M. Morris, M. A., *Asst. Prof. and Supervising Teacher in Home Econ. Ed.*
*Helen I. Patterson, B. S., *Supervising Teacher in Home Econ.*
*F. A. Smith, M. A., *Asst. Prof. and Supervising Teacher in Agr. Ed.*
*Bernice V. Vollmer, B. S., *Supervising Teacher in Home Econ. Ed.*
*B. A. Walpole, M. S., *Assoc. Prof. Agr. Ed.*
*Ruth Y. Williamson, M. A., *Instr. and Supervising Teacher in Home Econ.*

Engineering (Agr.):

*†H. H. Musselman, B. S., *Head of Dept.*
‡George Amundson, *Agr. Engin. Specialist.*
‡A. J. Bell, B. S., *Agr. Engin. Specialist.*
*†‡H. J. Gallagher, B. S., M. Agr., *Asst. Prof. and Research Asst. Agr. Engin.*
*R. E. Hammond, *Asst. in Agr. Engin.*
*†C. H. Jefferson, B. S., *Instr. and Research Asst. Agr. Engin.*
†O. E. Robey, B. S., *Research Asst. in Agr. Engin.*
*†E. C. Sauve, B. S., *Asst. Prof. and Research Asst. in Agr. Engin.*
*W. H. Sheldon, B. S., *Instr. Agr. Engin.*

Entomology:

*†Ray Hutson, M. S., *Head of Dept.*
*†R. H. Pettit, D. Sc., *Consult. Ent.*
†‡C. B. Dibble, M. S., *Specialist in Insect Control.*
*M. G. Farleman, M. S., *Instr. Ent.*
*†Eugenia I. McDaniel, A. B., *Assoc. Prof. and Research Asst. Ent.*

Entomology—Continued.

*W. F. Morofsky, M. S., *Instr. Ent.*
†Franklin Sherman, III, M. S., *Research Asst. in Ent.*

Extension (Admin.):[1]

Director Baldwin *in charge.*
‡K. H. McDonel, M. A., *Asst. Dir.*
‡Edna V. Smith, B. S., *State Home Dem. Leader.*
‡A. G. Kettunen, B. S., *State Club Leader.*
‡C. V. Ballard,[2] B. S., *County Agt. Leader.*
‡Olga Bird, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡R. G. Carr, B. S., *Asst. to County Agt. Leader.*
‡Lois M. Corbett, B. S., *Asst. State Club Leader.*
‡Lola B. Green, B. S., *Asst. State Club Leader.*
‡Margaret B. Harris, M. A., *Asst. State Home Dem. Leader (P. O., Marquette).*
‡P. G. Lundin, B. S., *Asst. State Club Leader.*
‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡C. A. Rood, B. S., *Asst. State Club Leader (P. O., Marquette).*
‡G. A. Thorpe, B. S., *Asst. State Club Leader.*
‡J. G. Wells, Jr., B. S., *Asst. County Agt. Leader (P. O., Chatham).*
‡Sylva Wixson, B. S., *Asst. State Club Leader.*

Farm Crops:

*†H. C. Rather, B. S., *Head of Dept.*
*†H. M. Brown, M. S., *Instr. and Research Asst. in Farm Crops.*
†B. R. Churchill, M. S., *Research Asst. in Farm Crops (P. O., Chatham).*
‡D. L. Clanahan, M. S., *Farm Crops Specialist (P. O., Marquette).*
‡R. E. Decker, B. S., *Farm Crops Specialist.*
†A. B. Dorrance, M. S., *Asst. Agron. (Coop. U. S. D. A.: P. O., Augusta).*
*†E. E. Down, M. Agr., M. S., *Assoc. Prof. and Research Assoc. in Farm Crops.*
*†J. R. Duncan, *Instr. and Research Asst. in Farm Crops.*
†H. L. Kohls, M. S., *Asst. in Farm Crops.*
†J. G. Lill, M. S., *Assoc. Agron. (Sugar Plant Invest.: Coop. U. S. D. A.).*
†A. R. Marston, M. S., *Agron.*
*†C. R. Megee, A. M., *Assoc. Prof. and Research Assoc. in Farm Crops.*
*†‡H. C. Moore, B. S., *Asst. Prof. and Research Assoc. in Farm Crops.*
‡R. H. Morrish, B. S., *Farm Crops Specialist.*
‡C. R. Oviatt, B. S., *Specialist in Sugar-Beet Culture.*
*†H. R. Pettigrove, B. S., *Asst. Prof. and Research Asst. in Farm Crops.*
*†J. W. Thayer, Jr., M. S., *Instr. and Research Asst. in Farm Crops.*
†‡G. F. Wenner, B. S., *Research Asst. and Specialist in Farm Crops.*
*†E. J. Wheeler, M. S., *Instr. and Research Asst. in Farm Crops.*

Farm Management:

*†E. B. Hill, M. Agr., M. S., *Head of Dept.*
†P. F. Aylesworth, M. S., *Research Asst. in Farm Mgt.*
‡H. A. Berg, M. S., *Farm Mgt. Specialist.*

Farm Management—Continued.

*V. H. Church, *Lect. in Farm Mgt.*
‡C. O. May, M. S., *Farm Mgt. Specialist.*
†K. T. Wright, M. S., *Research Asst. in Farm Mgt.*

Forestry:

*†P. A. Herbert, B. S., M. F., *Head of Dept.*
*†A. B. Bowman, B. S., *Instr. and Asst. in For.*
*Karl Dressel, B. S., M. F., *Asst. Prof. For.*
‡R. F. Kroodsma, B. S., M. F., *For. Specialist.*
*H. S. Newins, A. B., M. F., *Assoc. Prof. For.*
*J. L. VanCamp, B. S., *Nursery Supt.*
*†R. H. Westveld, B. S., M. F., *Asst. Prof. and Research Asst. in For.*

Geology and Geography:

*S. G. Bergquist, Ph. D., *Head of Dept.*
*W. A. Kelly, Ph. D., *Asst. Prof. Geol.*
*P. C. Morrison, M. A., *Instr. Geog.*
*E. C. Prophet, M. A., *Asst. Prof. Geog.*

Home Economics:

*†Marie Dye, Ph. D., *Dean of Div.*
†Mrs. Merle M. Bray, B. S., *Asst. in Home Econ. Research (Nutr.).*
*Geraldine E. Cooke, M. S., *Instr. Home Econ.*
*Mrs. Mabel S. Ehlers, M. A., *Asst. Prof. Home Econ. and Supvr. Institutional Mgt.*
*Winifred S. Gettemy, Ph. B., *Assoc. Prof. Home Econ.*
‡Frieda A. Gilmore, B. S., *Home Furnishing Specialist.*
*Beatrice V. Grant, M. A., *Instr. Home Econ.*
*†Irma H. Gross, Ph. D., *Assoc. Prof. and Research Asst. in Home Econ.*
†Flora M. Hanning, M. S., *Research Asst. in Nutr.*
*Katherine M. Hart, M. A., *Instr. Home Econ. and Dir. of Food Service.*
*†Jean E. Hawks, Ph. D., *Asst. Prof. and Research Asst. in Nutr.*
‡Roberta R. Hershey, M. S., *Nutr. Specialist.*
*Marian S. Hillhouse, M. A., *Instr. Home Econ.*
*Mary Lewis, M. S., *Instr. Home Econ.*
‡Mrs. Lydia A. Lynde, M. S., *Specialist in Child Care and Training.*
*Sylvia L. Medsker, M. A., *Asst. Prof. Home Econ.*
*Catherine G. Miller, M. A., *Instr. Home Econ.*
*Marian A. Neidert, M. S., *Asst. in Institutional Mgt.*
*Mrs. Amy L. Newberg, M. S., *Asst. Prof. Home Econ.*
*Margaret Ohlson, Ph. D., *Asst. Prof. Home Econ.*
‡Julia Pond, M. A., *Home Econ. Specialist.*
‡Gertrude A. Reis, M. S., *Home Furnishing Specialist.*
*Irene J. Shaben, M. A., *Instr. Home Econ.*
*Hazel B. Strahan, Ph. B., M. A., *Asst. Prof. Home Econ.*
‡Irene A. Taylor, B. S., *Clothing Specialist.*
*Julia F. Tear, A. B., *Asst. Prof. Home Econ.*
*Ethel G. Trump, M. S., *Instr. Home Econ.*

---

[1] For subject-matter workers see the respective division; i. e., animal husbandry, botany and plant pathology, etc.
[2] On leave.

Home Economics—Continued.

‡Evelyn Turner, B. S., *Home Mgt. Specialist.*
*Ethel G. Webb, B. S., *Assoc. Prof. Home Econ.*
*Zoe D. Wertman, B. S., *Instr. Home Econ. and Dir. of Food Service.*
*Margaret E. Whittaker, M. S., *Asst. Prof. Home Econ.*

Horticulture:

Director Gardner *in charge.*
*†F. C. Bradford, M. S., *Assoc. Prof. and Research Assoc. Hort.*
†H. A. Cardinell, B. S., *Research Assoc. Hort.*
*†J. W. Crist, Ph. D., *Assoc. Prof. and Research Assoc. Hort.*
†W. C. Dutton, M. S., *Research Assoc. in Hort.*
†H. P. Gaston, M. S., *Research Asst. in Hort. (Mktg.).*
‡H. D. Hootman, *Hort. Specialist.*
*†R. H. Kelty, B. S., *Asst. Prof. and Research Asst. in Apiculture.*
‡J. C. Kremer, *Apiculture Specialist.*
*‡P. R. Krone, B. S., *Instr. and Flor. Specialist.*
*†R. E. Loree, M. S., *Asst. Prof. and Research Asst. in Hort.*
*†‡C. H. Mahoney, Ph. D., *Asst. Prof. and Research Assoc. Hort.*
*†R. E. Marshall, Ph. D., *Prof. Pomol.; Research Assoc. Hort.*
†J. A. Neilson, M. S., *Research Asst. in Hort.*
†N. L. Partridge, Ph. D., *Research Asst. in Pomol. (P. O., Birmingham).*
‡G. L. Ricks, M. S., *Hort. Specialist.*
*†H. L. Seaton, M. S., *Instr. and Research Asst. in Hort.*
*†C. E. Wildon, M. S., *Asst. Prof. and Research Asst. Hort. (Flor.).*

Landscape Architecture:

*C. P. Halligan, B. S., *Head of Dept.*
*C. W. Barr, B. S., *Instr. Landsc. Arch.*
‡O. I. Gregg, B. S., *Landsc. Gard. Specialist.*

Physics:

*C. W. Chapman, A. B., B. S., *Head of Dept.*
*C. W. Chamberlain, Ph. D., LL. D., *Prof. Phys.*
*S. H. Dwight, M. S., *Instr. Phys.*
*C. D. Hause, Ph. D., *Instr. Phys.*
*C. W. Miller, A. B., *Instr. Phys.*
*Edwin Morrison, M. S., *Asst. Prof. Phys.*
*S. Elisabeth Morrison, B. S., *Instr. Phys.*
*O. L. Snow, B. S., *Assoc. Prof. Phys.*

Poultry Husbandry:

*†C. G. Card, B. S., *Head of Dept.*
*F. N. Barrett, M. S., *Asst. Prof. Poultry Husb.*
‡R. A. Conolly, B. S., *Poultry Specialist.*
‡J. M. Moore, M. S., *Poultry Specialist.*
‡O. E. Shear, M. S., *Poultry Specialist.*

Publications and Journalism:

*†A. H. Nelson, A. M., *Head of Dept. Prof. Journalism; Editor.*
‡R. J. Coleman, A. B., *Radio Specialist.*
‡W. E. Laycock, *Photog.*
†‡A. J. Patch, B. S., *Agr. Editor.*

Sociology:

*†Eben Mumford, Ph. D., *Head of Dept.*

Sociology—Continued.

*E. M. Banzet, M. A., *Asst. Prof. Sociol.*
*Ruth Bowen, A. B., *Instr. Sociol.*
*†C. R. Hoffer, Ph. D., *Assoc. Prof. and Research Assoc. in Sociol.*
*†J. F. Thaden, Ph. D., *Asst. Prof. and Research Asst. in Sociol.*

Soils:

*†C. E. Millar, Ph. D., *Head of Dept.*
†G. J. Bouyoucos, Ph. D., *Research Prof. Soils.*
*†R. L. Cook, Ph. D., *Instr. and Research Asst. in Soils.*
*†R. L. Donahue, B. S., *Instr. and Asst. in Soils.*
†N. K. Ellis, B. S., *Asst. in Soils.*
*†G. M. Grantham, M. S., *Assoc. Prof. and Research Assoc. in Soils.*
†P. M. Harmer, Ph. D., *Research Assoc. in Soils.*
‡P. J. Rood, M. A., *Soils Specialist.*
‡E. C. Sackrider, B. S., *Soils Specialist.*
*†C. H. Spurway, Ph. D., *Assoc. Prof. and Research Assoc. in Soils.*
*†L. M. Turk, Ph. D., *Asst. Prof. and Research Asst. in Soils.*
*†James Tyson, Ph. D., *Asst. Prof. and Research Asst. in Soils.*
*†J. O. Veatch, A. B., *Assoc. Prof. and Research Assoc. in Soils.*
†A. G. Weidemann, M. S., *Research Asst. in Soils.*

Veterinary Science:

*†Ward Giltner, D. V. M., M. S., Dr. P. H., *Dean of Div., Prof. Bact. and Hyg.; Bact.*
*B. V. Alfredson, D. V. M., *Asst. in An. Path.*
*†C. S. Bryan, M. S., *Asst. in Bact.*
*F. W. Chamberlain, B. S., D. V. M., *Prof. Comp. Anat.*
*†W. L. Chandler, Ph. D., *Asst. Prof. Bact.; Research Assoc. in Parasitol.*
*†C. F. Clark, D. V. M., *Instr. and Research Asst. in An. Path.*
*†E. D. Devereux, Ph. D., *Asst. Prof. and Research Assoc. Bact.*
*†F. W. Fabian, Ph. D., *Assoc. Prof. and Research Assoc. in Bact.*
*†E. T. Hallman, D. V. M., *Prof. An. Path.; An. Path.*
†I. F. Huddleson, M. S., D. V. M., *Research Assoc. Bact.*
*J. P. Hutton, D. V. M., *Prof. Vet. Surg. and Med.*
*H. E. Johnson, D. V. M., *Asst. Prof. Comp. Anat.*
‡B. J. Killham, D. V. M., *An. Path. Specialist.*
*N. W. Larkum, Ph. D., *Lect. in Immunology.*
*†W. L. Mallmann, Ph. D., *Assoc. Prof. and Research Assoc. Bact.*
†D. B. Meyer, D. V. M., M. S., *Special Agt. in Bact. (Coop. U. S. D. A.).*
*C. C. Morrill, D. V. M., *Asst. in An. Path.*
*E. K. Sales, D. V. M., *Asst. Prof. Vet. Surg. and Med.*
*†L. B. Sholl, B. S., D. V. M., *Asst. Prof. and Research Asst. in An. Path.*
*†H. J. Stafseth, D. V. M., M. S., *Prof. and Research Assoc. in Bact.*
†W. W. Thompson, D. V. M., *Research Asst. in Bact.*
*F. W. Young, D. V. M., M. S., *Instr. Comp. Anat.*

Zoology:

*†H. R. Hunt, Ph. D., *Head of Dept.*
*G. W. Bradt, M. S., *Instr. Zool.*
*M. D. Pirnie, Ph. D., *Asst. Prof. Zool. (P. O., Augusta).*
*J. W. Stack, M. S., *Assoc. Prof. Zool.*

Miscellaneous:

*W. A. Davenport, *Supt. of Bldgs. and Grounds.*
*†J. E. Towne, M. A., B. L. S., *Libr.*
*R. W. Tenny, B. S., *Dir. of Short Courses.*

Substations:

Dunbar Forestry Expt. Sta., *P. O., Sault Ste. Marie*—
P. W. Robbins, B. S., *Supt.*
Graham Hort. Expt. Sta., *R. F. D. 5, Grand Rapids*—
Walter Toenjes, M. S., *Supt.*
Lake City Potato Expt. Sta., *P. O., Lake City*—
A. M. Berridge, B. S., *Supt.*

Substations—Continued.

South Haven Hort. Expt. Sta., *P. O., South Haven*—
Stanley Johnston, M. S., *Supt.*
Upper Peninsula Expt. Sta., *P. O., Chatham*—
J. G. Wells, Jr., B .S., *Supt.*
B. R. Churchill, M. S., *Research Asst. in Farm Crops.*
W. K. Kellogg Demonstration Farm, *P. O., Augusta*—
C. M. McCrary, B. S., *Supt.*
A. B. Dorrance, M. S., *Asst. Agron. (Coop. U. S. D. A.).*
M. D. Pirnie, Ph. D., *Dir. Bird Sanctuary.*

MINNESOTA

Department of Agriculture (College of Agriculture, Forestry, and Home Economics, and the Agricultural Experiment Station) of the University of Minnesota, *University Farm, St. Paul*

*College faculty. †Station staff. ‡Extension staff.

*L. D. Coffman, Ph. D., LL. D., *President of University (P. O., Minneapolis).*
*†‡W. C. Coffey, M. S., LL. D., *Dean Dept. of Agr., Dir. of Sta. Actg. Dir. of Agr. Ext. and of Short Courses.*
*†Andrew Boss, D. Sc., *Vice Dir. of Sta.*
*†E. M. Freeman, Ph. D., *Dean Coll. of Agr., For., and Home Econ.*

Agronomy and Plant Genetics:

*†H. K. Hayes, D. Sc., *Chief.*
†C. L. Alexander, *Asst. in Agron.*
*†A. C. Arny, M. S., *Assoc. Prof. and Assoc. Agron.*
†E. R. Ausemus, Ph. D., *Assoc. Agron. (Coop. U. S. D. A.).*
†C. R. Borgeson, M. S., *Asst. in Agron.*
‡R. F. Crim, B. S., *Agron. Specialist.*
*†C. W. Doxtator, M. S., *Instr. and Research Asst. in Agron.*
†A. D. Haedecke, *Asst. in Agron.*
†F. R. Immer, Ph. D., *Assoc. Geneticist (Coop. U. S. D. A.).*
*†I. J. Johnson, Ph. D., *Asst. Prof. and Asst. Agron.*
†W. M. Myers, M. S., *Asst. in Agron. and Plant Genetics.*
*†LeRoy Powers, Ph. D., *Assoc. Prof. and Assoc. Plant Geneticist.*
*†H. K. Schultz, B. S., *Instr. Agron. and Plant Genetics; Asst. Agron.*
*†H. K. Wilson, Ph. D., *Assoc. Prof. and Assoc. Agron.*

Animal Husbandry:

*†‡W. H. Peters, M. Agr., *Chief.*
*†E. F. Ferrin, M. Agr., *Prof. and Asst. Chief in An. Husb.*
*†P. A. Anderson, B. S., *Asst. Prof. and Asst. An. Husb.*
*†A. L. Harvey, M. S., *Asst. Prof. An. Husb.; in charge Horse Sect.*
*D. W. Johnson, Ph. D., *Instr. An. Husb.*
‡W. E. Morris, M. S., *An. Husb. Specialist.*
*†L. M. Winters, Ph. D., *Prof. An. Husb.; An. Breeder.*
‡H. G. Zavoral, B. S., *An. Husb. Specialist.*

Biochemistry (Agr.):

*†R. A. Gortner, Ph. D., *Chief.*
*†C. H. Bailey, Ph. D., *Prof. Agr. Biochem.; Agr. Biochem. in charge Cereal Tech.*
*†H. B. Bull, Ph. D., *Asst. Prof. and Asst. Agr. Biochem.*
*†Cornelia Kennedy, Ph. D., *Assoc. Prof. and Asst. Agr. Biochem.*
*Eric Kneen, M. S., *Instr. Agr. Biochem.*

Biochemistry (Agr.)—Continued.

*E. R. Linner, B. S., *Instr. Agr. Biochem.*
*†M. C. Markley, B. S., Ch. E., *Instr. and Asst. in Agr. Biochem.*
†J. W. Nelson, M. S., *Anal. Chem.*
*†L. S. Palmer, Ph. D., *Prof. Agr. Biochem.; Dairy Chem.*
†A. R. Patton, M. S., *Asst. Agr. Biochem.*
†C. E. Rimpila, M. S., *Research Asst. Agr. Biochem.*
*†C. F. Rogers, M. S., *Instr. and Asst. in Agr. Biochem.*
*†W. M. Sandstrom, Ph. D., *Asst. Prof. and Asst. Agr. Biochem.*
*R. C. Sherwood, Ph. D., *Asst. Prof. Agr. Biochem.*
*†G. S. Taylor, A. B., *Instr. Agr. Biochem.; Analyst.*

Botany—See **Plant Pathology.**

Dairy Husbandry:

*†J. B. Fitch, B. S., *Chief.*
*†W. B. Combs, M. A., *Prof. Dairy Husb.; in charge Dairy Prod.*
*†N. N. Allen, B. S., *Instr. Dairy Husb.; Supt. Official Testing.*
*†S. T. Coulter, Ph. D., *Instr. and Asst. in Dairy Prod.*
‡C. C. Geddes, *Asst. in Dairy Herd Improvement Work.*
*†T. W. Gullickson, M. S., *Asst. Prof. and Asst. Dairy Husb.*
‡E. A. Hanson, B. S., *Dairy Specialist.*
†E. O. Herreid, Ph. D., *Asst. in Dairy Husb.*
‡Ramer Leighton, B. S., *in charge Dairy Herd Improvement Work.*
*†Harold Macy, Ph. D., *Assoc. Prof. and Assoc. Dairy Bact.*
*†W. E. Petersen, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡H. R. Searles, B. S., *Dairy Specialist.*
*H. C. Trelogan, M. S., *Asst. in Dairy Husb.*

Economics (Agr.) and Rural Sociology:

*†O. B. Jesness, Ph. D., *Chief.*
*†L. B. Bassett, *Assoc. Prof. and Assoc. Agr. Econ.*
*†Andrew Boss, D. Sc., *Prof. Farm Mgt.; Agr. Econ.*

Economics (Agr.) and Rural Sociology—Continued.

‡S. B. Cleland, M. S., *Farm Mgt. Specialist.*
*†R. W. Cox, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
‡D. C. Dvoracek, B. S., *Mktg. Specialist.*
*†L. F. Garey, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
*H. F. Hollands, B. S., *Instr. Agr. Econ.*
*Sigurd Johansen, B. A., *Instr. Rural Sociol.*
*†E. C. Johnson,[1] Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*E. F. Koller, M. A., *Instr. Agr. Econ.*
†R. H. Loreaux, B. S., *Route Statistician.*
*P. M. Lowe, M. A., *Instr. Agr. Econ.*
†Mrs. Hedwig Maevers, Ph. D., *Statistician.*
‡J. B. McNulty, M. A., *Ext. Econ., Farm Mgt.*
*†R. W. Murchie, Ph. D., *Prof. Rural Sociol.; Dir. Social Research.*
*†G. A. Pond, Ph. D., *Assoc. Prof. and Assoc. in Agr. Econ.*
*†W. P. Ranney, M. S., *Instr. and Research Asst. in Farm Mgt.*
*†G. A. Sallee, M. S., *Instr. and Asst. in Agr. Econ.*
‡W. B. Silcox, Ph. D., *Mktg. Specialist.*
*Mrs. Adena E. Terras, B. S., *Statistician.*
*†W. C. Waite, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

Editorial—See **Publications and Journalism.**

Education (Agr.):[2]

*A. M. Field, Ph. D., *Assoc. Prof. Agr. Ed.*
*J. M. Jacobsen, M. A., *Instr. Agr. Ed.*
*V. E. Nylin, M. S., *Instr. Agr. Ed.*

Engineering (Agr.):

*†William Boss, *Chief.*
†W. R. Anderberg, *Asst. in Agr. Engin.*
*†C. L. B rggren, M. S., *Instr. and Asst. in Agr. Engin.*
*†J. G. Dent, *Instr. and Asst. in Agr. Engin.*
*†O. W. Howe, B. S. A. E., *Instr. and Asst. in Agr. Engin.*
*†P. W. Manson, B. S. in C. E., *Instr. and Lab. Asst. in Agr. Engin.*
*†J. H. Neal, M. S., A. E., *Asst. Prof. Agr. Engin.; Asst. in Reclamation.*
*†L. W. Neubauer, M. S. C. E., M. S., *Instr. Agr. Engin; Asst. in Farm Bldgs.*
*†H. B. Roe, M. S., *Prof. Agr. Engin.; in charge of Drainage.*
*†Julius Romness, M. A., *Asst. Prof. and Asst. Agr. Phys.*
*†A. J. Schwantes, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
*†M. J. Thompson, M. S., *Assoc. Prof. in charge Land Clearing Invest. (P. O., Duluth).*
*†J. B. Torrance, B. S., *Asst. Prof. Agr. Engin.; in charge Sect. of Farm Mech.*
*†A. G. Tyler, B. S., M. E., *Asst. Prof. and Asst. Agr. Phys.*
*†H. B. White, M. S., *Asst. Prof. and in charge Sect. of Farm Bldgs.*

Entomology and Economic Zoology:

*†W. A. Riley, Ph. D., D. Sc., *Chief.*
*†A. G. Ruggles, M. A., *Prof. Econ. Ent.; Ent. (State Ent.).*

Entomology and Economic Zoology—Continued.

*R. W. Dawson, Ph. D., *Asst. Prof. Ent. and Econ. Zool.*
*†A. A. Granovsky, Ph. D., *Assoc. Prof. Ent. and Econ. Zool.; Assoc. Ent.*
*M. H. Haydak, Ph. D., *Asst. in Ent. and Econ. Zool.*
*†A. C. Hodson, M. S., *Instr. and Asst. in Ent. and Econ. Zool.*
*†R. T. King, M. S., *Instr. Ent. and Econ. Zool.; Asst. in Vertebrate Zool.*
†D. L. Lindgren, M. S., *Asst. in Ent.*
*†C. E. Mickel, Ph. D., *Assoc. Prof. Ent.; Curator.*
*†L. W. Orr, M. S., *Instr. For. Ent.*
*‡H. L. Parten, B. S., *Instr. Ent. and Econ. Zool., Ext. Ent.*
*†H. H. Shepard, Ph. D., *Asst. Prof. and Asst. Ent.*
*†M. C. Tanquary, Ph. D., *Prof. Apiculture; Apiculturist.*

Extension (Admin.):[3]

Dean Coffey, *Actg. Dir. in charge.*
‡J. F. Kuehn, *Asst. to Dir.*
‡F. J. Brown, B. S., *Asst. Dir. and Dist. County Agt. Leader.*
‡L. A. Churchill, B. S., *Dist. County Agt. Leader.*
‡A. E. Engebretson, M. S., *Dist. County Agt. Leader.*
‡C. L. McNelly, B. S., *Dist. County Agt. Leader.*
‡Julia O. Newton, B. A., *State Home Dem. Leader.*
‡T. A. Erickson, B. A., *State Club Leader.*
‡R. H. Giberson, B. S., *State Club Agt.*
‡A. J. Kittleson, *State Club Agt.*
‡H. A. Pflughoeft, B. S., *State Club Agt.*
‡Mildred Schenck, B. S., *State Club Agt.*
‡Amy Wessel, B. S., *State Club Agt.*

Forestry:

*†Henry Schmitz, Ph. D., *Chief.*
*†J. H. Allison, Ph. B., M. F., *Prof. and Assoc. For.*
‡P. O. Anderson, B. S., *For. Specialist.*
*†R. M. Brown, B. S., M. F., *Asst. Prof. and Asst. For.*
*†E. G. Cheyney, B. A., *Prof. For.; For.*
*†M. E. Deters, M. S., *Instr. and Asst. For.*
*F. H. Kaufert, M. S., *Instr. For.*
*†L. W. Rees, Ph. D., *Asst. Prof. and Asst. For.*
*Thorvald Schantz-Hansen, B. S., M. F., *Asst. Prof. For. (P. O., Cloquet).*

Home Economics:

*†Wylle B. McNeal, M. A., *Chief.*
*†Alice M. Biester, M. A., *Assoc. Prof. Nutr.*
‡Eva L. Blair, B. S., *Home Organ. Specialist.*
*Mildred L. Bredenburg, B. S., *Instr. Home Econ.*
*Carlotta M. Brown, *Instr. Millinery.*
*Clara M. Brown, M. A., *Assoc. Prof. Home Econ. Ed.*
*Mrs. Flora W. Buckman, M. S., *Instr. Home Econ.*
*†Alice M. Child, M. A., *Assoc. Prof. Foods and Cookery.*
*Eva G. Donelson, Ph. D., *Instr. Home Econ.*
*Frances Dunning, M. S., *Asst. Prof. Institutional Mgt.*

---

[1] On leave.
[2] Courses given in College of Education.
[3] For subject-matter workers see the respective division; i. e., agronomy and plant genetics, animal husbandry, etc.

Home Economics—Continued.

‡Mrs. Belle O. Fish, *Child Development Specialist.*
*Hally J. Fisher, R. N., *Instr. Home Nursing.*
*Edna E. Fowler, M. A., *Asst. Prof. Home Econ.*
*Harriet I. Goldstein, *Assoc. Prof. Related Art.*
*Vetta Goldstein, *Instr. Related Art.*
*Ethel R. Gorham, A. M., *Instr. Textiles and Clothing.*
‡Inez M. Hobart, M. A., *Nutr. Specialist.*
*Grace G. Hood, M. A., *Instr. Adult Ed. in Home Econ.*
*Hope H. Hunt, Ph. D., *Instr. Home Econ.*
*Hedda Kafka, M. A., *Instr. Home Econ. Ed.*
*F. Mildred King, M. S., *Instr. Institutional Mgt.*
*Anna M. Krost, B. S., *Instr. Home Econ. Ed.*
*Mildred Larson, B. S., *Instr. Home Econ.*
*†Jane M. Leichsenring, Ph. D., *Assoc. Prof. Nutr.*
‡Mary M. Miller, B. S., *Home Mgt. Specialist.*
*Kathryn B. Niles, M. S., *Instr. Home Econ.*
*†Ethel L. Phelps, M. S., *Asst. Prof. Textiles and Clothing.*
‡M. Lois Reid, B. S., *Clothing Specialist.*
*Ella J. Rose, M. S., *Asst. Prof. Home Econ. Ed.*
*Ruth F. Segolson, B. S., *Instr. Home Econ. Ed.*
*Mary A. Steers, M. S., *Instr. Home Econ. Ed.*
*†Lucy A. Studley, M. A., *Asst. Prof. Home Econ.*
*Marion Weller, B. A., *Assoc. Prof. Textiles and Clothing.*
‡Eves E. Whitfield, B. S., *Clothing Specialist.*

Horticulture:

*†W. H. Alderman, B. S., *Chief.*
*†Ernest Angelo, Ph. D., *Instr. and Asst. in Hort.*
*†W. G. Brierley, Ph. D., *Assoc. Prof. and Assoc. Hort.*
*†T. M. Currence, Ph. D., *Asst. Prof. and Asst. Hort.*
*F. P. Daniels, B. S., *Instr. Hort.*
*†A. E. Hutchins, Ph. D., *Instr. and Asst. in Hort.*
*†F. A. Krantz, Ph. D., *Assoc. Prof. Hort.; in charge Veg. Gard.*
*†L. E. Longley, Ph. D., *Asst. Prof. and Asst. Hort.*
†Louis Sando, *Asst. in Flor.*
†A. G. Tolaas, M. S., *Asst. Hort.*
*†A. N. Wilcox, Ph. D., *Asst. Prof. and Asst. Hort.*
†J. D. Winter, M. S., *Asst. Hort.*

Plant Pathology and Botany:

Dean Freeman, *Chief.*
*†E. C. Stakman, Ph. D., *Prof. Plant Path.; Plant Path. (Coop. U. S. D. A.).*
*†C. C. Allison, M. S., *Instr. and Asst. Plant Path. (Coop. U. S. D. A.).*
*†C. C. Christensen, M. S., *Instr. Plant Path.; Asst. For. Path.*
*†J. J. Christensen, Ph. D., *Assoc. Prof. and Asst. Plant Path. (Coop. U. S. D. A.).*
†Mrs. Ruby U. Crouley, *Asst. Seed Analyst.*
*†Louise Dosdall, Ph. D., *Instr. Plant Path.; Mycol.*
*†C. J. Eide, Ph. D., *Instr. and Asst. Plant Path.*

Plant Pathology and Botany—Contd.

*†Helen Hart, Ph. D., *Instr. and Asst. Plant Path. (Coop. U. S. D. A.).*
*†R. B. Harvey, Ph. D., *Prof. Plant Physiol. and Bot.; Assoc. Plant Physiol.*
*†R. H. Landon, Ph. D., *Instr. and Asst. Plant Physiol.*
*†A. H. Larson, B. S., *Asst. Prof. Plant Path.; Asst. Bot.*
*†J. G. Leach, Ph. D., *Assoc. Prof. and Assoc. Plant Path. and Bot.*
†M. N. Levine, Ph. D., *Path. (Coop. U. S. D. A.).*
*†M. B. Moore, M. S., *Instr. and Asst. in Plant Path.*
‡R. C. Rose, M. S., *Plant Path. Specialist.*
*†C. P. Shumway, M. S., *Instr. and Research Asst. in Plant Path.*

Poultry Husbandry:

*†A. C. Smith, B. S., *Chief.*
‡Cora E. Cooke, B. S., *Poultry Specialist.*
†E. A. Johnson, B. S., *Asst. in Poultry Husb.*

Publications and Journalism (Rural):

*†‡W. P. Kirkwood, M. A., *Prof. Journalism; Editor.*
†G. D. George, *Illustrator.*
‡H. L. Harris, *Publicity Specialist.*
‡R. S. Mackintosh, M. S., *Exhibit Specialist.*
†‡Camilla Romstad, *Asst. Editor.*
‡D. P. Shannon, *Ext. Asst. Editor.*

Soils:

*†F. J. Alway, Ph. D., D. Sc., *Chief.*
*†A. C. Libby, B. S., *Instr. and Asst. in Soils.*
*†P. R. McMiller, M. S., *Asst. Prof. and Asst. Soils Chem.*
†William Methley, *Asst. in Soils.*
*‡G. H. Nesom, B. S., *Asst. Prof. and Soils Specialist.*
†R. M. Pinckney, Ph. D., *Research Asst. in Soils.*
*†C. O. Rost, Ph. D., *Assoc. Prof. Soils; Assoc. Soils Chem.*

Veterinary Medicine:

*†C. P. Fitch, D. V. M., D. Sc., *Chief.*
‡W. A. Billings, D. V. M., *Vet. Med. Specialist.*
*†Lucille M. Bishop, B. S., *Instr. Vet. Med.; Asst. in An. Path.*
*†W. L. Boyd, D. V. S., *Prof. Vet. Med.; Vet.*
†Mrs. Gladys K. Christianson, *Technician.*
*†C. R. Donham, D. V. M., M. S., *Assoc. Prof. Vet. Med.; Assoc. Vet.*
*†Reuel Fenstermacher, D. V. M., *Asst. Prof. Vet. Med.; Vet. in charge Diagnosis Lab.*
†Hazel Hammersland, *Technician.*
†Margaret Kelly, *Technician.*
*†H. C. H. Kernkamp, D. V. M., M. S., *Assoc. Prof. Vet. Med.; Assoc. Vet.*
†Charlotte Thompson, *Technician.*
†Grace I. Whitmar, B. S., *Technician.*

Miscellaneous:

*†Harriet W. Sewall, B. A., *Libr.*

Substations:

Forest Expt. Sta., *P. O., Cloquet*—
Raphael Zon, B. S., F. E., *Dir.* (*P. O., University Farm, St. Paul*).
Thorvald Schantz-Hansen, B. S., M. F., *Supt.*
R. N. Cunningham, B. S., *For. Econ.*
Fruit Brdg. Farm, *P. O., Excelsior*—
F. E. Haralson, *Asst. Supt.*

Substations—Continued.

Itasca Park Forest Expt. Sta., *P. O., Arago*—
W. W. Nelson, *Foreman.*
North Central Expt. Sta., *P. O., Grand Rapids*—
R. L. Donovan, B. S., *Supt.*
C. L. Cole, B. S., *Asst. in An. Husb.*
D. T. Grussendorf, B. S., *Asst. in Poultry Husb.*
O. W. Swenson, *Asst. Agron.*
T. S. Weir, B. S., *Asst. in Hort. and Ent.*
NE. Expt. Sta., *P. O., Duluth*—
M. J. Thompson, M. S., *Supt.*
NW. Expt. Sta., *P. O., Crookston*—
A. A. Dowell, Ph. D., *Supt.*
R. J. Christgau, B. S., *Asst. An. and Dairy Husb.*
E. R. Clark, M. S., *Pure Seed Specialist.*

Substations—Continued.

R. S. Dunham, B. S., *Asst. Agron*
A. M. Foker, *Asst. Agr. Engin.*
O. M. Kiser, B. S., *Asst. An. and Dairy Husb.*
T. M. McCall, M. S., *Asst. Hort.*
A. M. Pilkey, *Asst. in Poultry Husb.*
SE. Expt. Sta., *P. O., Waseca*—
R. E. Hodgson, M. S., *Supt.*
West Central Expt. Sta., *P. O., Morris*—
P. E. Miller, M. Agr., *Supt.*
J. A. Anderson, B. S., *Asst. Hort.*
R. O. Bridgford, M. S., *Asst. Agron.*
A. W. Edson, B. S., *Asst. Poultry Husb.*
T. H. Fenske, B. S., *Asst. Agron.*
A. C. Heine, *Asst. in Agr. Engin.*
P. S. Jordan, B. S., *Asst. An. Husb.*
A. B. Rolfe, *Asst. in Agr. Engin.*

MISSISSIPPI

Mississippi State College and Agricultural Experiment Station, *State College*

*College faculty. †Station staff. ‡Extension staff.

*Duke Humphrey, Ph. D., *President.*
*†‡J. R. Ricks, M. S., *Dean School of Agr., Dir. of Sta., Dir. of Ext.*
†W. R. Perkins, M. S., *Asst. Dir. of Sta.*

Agronomy:

*A. D. Suttle, Ph. D., *Prof. Agron.*
*†C. B. Anders,[1] M. S., *Prof. and Specialist in Soils.*
†W. B. Andrews, M. S., *Asst. in Agron.*
*E. H. Bailey, M. S., *Instr. Agron.*
*†Clarence Dorman, Ph. D., *Assoc. Agron.*
†J. F. O'Kelly, M. S., *Agron. and Plant Breeder.*
†C. R. Owen, M. S., *Asst. Agron.*
†W. A. Templeton, *Foreman.*
‡E. H. White, B. S., *Farmers' Organ. Specialist.*

Animal Husbandry:

*C. J. Goodell, B. S., *Prof. An. Husb.*
†C. B. Cain, D. V. M., M. S., *An. Path.*
‡H. I. Harris, B. S., *Ext. Asst. An. Husb. (P. O., McNeill).*
†H. H. Leveck, M. S., *An. Husb.*
†Duff Maxwell, *Herdsman.*
†R. H. Means,[1] B. S., *Assoc. in An. Husb.*
‡P. F. Newell, B. S., *Ext. An. Husb.*
†W. J. Thompson, *Foreman of Farms.*

Bacteriology:

*†H. H. Harned, M. S., *Actg. Prof. and Assoc. in Bact.*
*†C. F. Briscoe, Ph. D., *Bact. Collaborator.*

Botany:

*J. C. McKee, Ph. D., *Prof. Bot.*
†L. E. Miles, Ph. D., *Plant Path.*

Chemistry:

*†W. F. Hand, Ph. D., *Prof. Chem.; Chem. (State Chem.).*
*G. W. Carroll, B. A., *Assoc. Prof. Chem.*
†Marvin Gieger, B. S., B. Ph., *Research Chem.*
*E. C. Hendley, M. S., *Instr. Chem.*
*W. H. King, M. S., *Instr. Chem.*
*C. Q. Sheely, Ph. D., *Assoc. Prof. Chem.*
*Paul Warttman, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:

*†J. S. Moore, M. S., *Prof. and Chief in Dairy Husb.*

Dairy Husbandry—Continued.

*†W. C. Cowsert, B. S., *Asst. Prof. and Asst. in Dairy Husb.*
*†F. H. Herzer, B. S., *Assoc. Prof. and Assoc. in Dairying.*
‡L. A. Higgins, B. S., *Ext. Dairy Husb.*
‡R. E. Waters, B. S., *Asst. Ext. Dairy Husb.*

Economics (Agr.):

*J. N. Lipscomb, M. S., *Prof. Agr. Econ.*
†L. E. Long, M. S., *Research Econ.*
*J. V. Bowen, Ph. B., *Prof. Finance and Mktg.*
‡W. A. Clark, *Ext. Econ., Hay Insp. (P. O., West Point).*
‡T. L. Gaston, Jr., M. S., *Ext. Econ., Farm Mgt.*
‡Mary A. Gordon, B. S., *Ext. Econ., Home Mktg.*
*J. B. Knight, B. S., *Asst. Prof. Finance and Mktg.*
‡T. M. Patterson, M. S., *Ext. Econ. in charge.*
‡M. S. Shaw, B. S., *Ext. Econ., Mktg.*

Editorial:

*†‡B. F. Hilbun, B. S., *Agr. Editor and Dir. Service Bureau.*
†C. F. Clark, B. S., *Bull. Editor.*
‡F. J. Hurst, B. S., *Ext. Editor (P. O., Jackson).*

Education (Rural):

*V. G. Martin, M. S., *Prof. Agr. Ed.*
*C. E. Cain, M. S., *Asst. Prof. Ed.*
*I. W. Duggan, M. S., *Assoc. Prof. Agr. Ed.*
*S. S. Greene, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):

*W. C. Howell, B. S., *Prof. Agr. Engin.*
‡J. T. Copeland, B. S., *Ext. Agr. Engin.*
†T. N. Jones, M. S., *Agr. Engin.*
*H. W. LeMert, B. S., *Asst. Prof. Agr. Engin.*
‡W. C. Massey, B. S., *Asst. Ext. Agr. Engin.*
†L. O. Palmer, M. S., *Asst. in Agr. Engin.*

Entomology—See **Zoology.**

[1] On leave.

Extension (Admin.): [1]
Director Ricks *in charge.*
‡L. I. Jones, B. S., *Asst. Dir. and State Agt. in charge Men's Work.*
‡May Creswell, A. B., *State Home Dem. Agt.*
‡J. E. Tanner, *State Boys' Club Agt.*
‡Elaine E. Massey, *State Girls' Club Agt.*
‡M. M. Bedenbaugh, B. S., *Asst. Boys' Club Agt.*
‡Jewell Garland, B. S., *Asst. State Girls' Club Agt.*
‡H. S. Johnson, B. S., *Asst. Boys' Club Agt.*

Forestry:
‡D. E. Lauderburn, *Ext. For.* (*P. O., Jackson*).

Geology:
*W. C. Morse, Ph. D., *Prof. Geol.*

Home Economics:
†Dorothy Dickins, M. A., *Home Econ.*
‡Mary E. Doney, *Food Preservation Specialist.*
‡May E. Haddon, M. A., *Nutr. Specialist.*
‡Anne O. Jordan, M. A., *Home Mgt. Specialist.*
‡Ouida Midkiff, A. B., *Clothing Specialist.*
†R. W. Pearson, B. S., *Asst. in Home Econ.*
†Olive A. Sheets, M. S., *Assoc. in Home Econ.*

Horticulture:
*†R. V. Lott, A. M., *Prof. Hort.; Hort.*
*†T. E. Ashley, B. S., *Asst. Prof. and Asst. Hort.*
*†Morris Benz, B. S., *Instr. and Asst. in Hort.*
*†J. B. Edmond, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡Chesley Hines, B. S., *Asst. Ext. Hort.*
*R. B. Magee, B. S., *Supt. of Grounds.*
‡H. M. McKay, M. S., *Ext. Hort.*

Physics:
*Walker Kinkaid, M. A., *Actg. Prof. Phys.*
*S. H. Cortez, Ph. D., *Instr. Phys.*
*E. H. Haddock, M. A., *Instr. Phys.*

Poultry Husbandry:
*†G. R. Sipe, B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡Eva E. Legett, *Asst. Ext. Poultry Husb.*
*H. D. Polk, M. S., *Instr. Poultry Husb.*
‡J. D. Sykes, B. S., *Ext. Poultry Husb.*

Veterinary Science:
*C. B. Cain, D. V. M., M. S., *in charge Vet. Sci.*
*C. E. O'Neal, D. V. M., *Prof. Vet. Sci.* (*State Vet.: P. O., Jackson*).

Zoology and Entomology:
*†Clay Lyle, M. S., *Prof. Zool. and Ent.; Chief Ent.*
†A. L. Hamner, M. S., *Assoc. in Ent.*
†J. M. Langston, M. S., *Assoc. in Ent.*
*†M. R. Smith, Ph. D., *Assoc. Prof. Zool. and Ent.; Assoc. Ent.*
*E. W. Stafford, M. S., *Assoc. Prof. Zool. and Ent.*
*J. W. Ward, M. S., *Instr. Zool.*

Miscellaneous:
*Nannie H. Rice, B. L. S., M. S., *Libr.*
*†‡T. M. Robinson, B. S., *Secy. and Purchasing Agt.*

Substations:
J. R. Ricks, M. S., *Director.*
Alfalfa Expt. Sta., *P. O., West Point*—
T. F. Akers, B. S., *Asst. Dir.* (*Coop. U. S. D. A.*).
Delta Branch Sta., *P. O., Stoneville*—
W. E. Ayres, M. S., *Asst. Dir. in charge.*
Rowland Cowart, Ph. D., *Soils Specialist.*
E. A. Currey, M. S., *Hort. Expts.*
Roy Kuykendall, B. S., *Fert. and Weed Control Expts.*
W. C. McGee, *Farm Foreman.*
J. O. Smith, B. S., *Agr. Engin.*
H. A. York, B. S., *Assoc. Plant Breeder.*
Holly Springs Branch Sta., *P. O., Holly Springs*—
C. T. Ames, B. S., *Asst. Dir. in charge.*
O. K. Morgan, *Farm Foreman.*
McNeill Sta., *P. O., McNeill*—
S. W. Greene, *in charge* (*Coop. U. S. D. A.*).
H. I. Harris, B. S., *Asst. An. Husb.*
Natchez Branch Sta., *P. O., Natchez*—
S. J. Greer, B. S., *Asst. Dir. in charge.*
W. T. Mallory, B. S., *Assistant.*
Raymond Branch Sta., *P. O., Raymond*—
H. F. Wallace, B. S., *Asst. Dir. in charge.*
J. C. Peyton, *Farm Foreman.*
South Miss. Branch Sta., *P. O., Poplarville*—
J. C. Robert, M. S., D. V. M., M. D., *Asst. Dir. in charge.*
S. R. Greer, B. S., *Hort.*

Alcorn Agricultural and Mechanical College, *Alcorn*

*Agricultural faculty. ‡Extension staff.

*W. H. Bell, A. M., *President.*

*P. S. Bowles, B. S., *Prof. Agr. Ed. and Dir. Div. of Agr. Instr.*
*A. T. Busby, M. S., *Prof. An. Husb.*
*C. C. Cannon, B. S., *Supt. and Instr. Laundering.*
*Mrs. Sarah P. Holmes, B. S., *Instr. Home Econ.*
*Selina C. Jackson, R. N., *Instr. Health Ed.*
*T. H. Jackson, B. S., *Instr. Voc. Agr.*
*Mrs. B. M. Johnson, *Instr. Housekeeping.*
*J. C. McLaughlin, M. S., *Prof. Hort.*
*N. A. McLean, B. S., *Instr. Agr. Engin.*
*Mrs. Eunice D. Powell, B. S., *Prof. Home Econ.*
‡B. J. Ross, B. S., *County Agr. Ext. Agt.*
*O. W. Sanders, B. S., *Prof. Agron.*
*Mrs. M. R. Stevens, *Instr. Housekeeping.*
*Mrs. Alice L. Tanner, B. S., *Instr. Home Econ.*
*J. B. Wright, B. S., *Asst. Prof. Agr. Ed.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

MISSOURI

College of Agriculture and the Agricultural Experiment Station of the University of Missouri,[1] *Columbia*

*College faculty. †Station staff. ‡Extension staff.

*F. A. Middlebush, Ph. D., *Actg. President of University.*
*†F. B. Mumford, M. S., D. Agr., *Dean Coll. of Agr., Dir. of Sta. Prof. An. Husb.*
‡R. R. Thomasson, B. S., *Asst. Dir. in charge of Agr. Ext. Service.*

Animal Husbandry:
*†E. A. Trowbridge, B. S., *Prof. and Chair. of Dept.*
*†J. E. Comfort, A. M., *Instr. An. Husb. (Coop. U. S. D. A.).*
†A. J. Dyer, B. S., *Asst. in An. Husb.*
‡T. A. Ewing, B. S., *Ext. Asst. Prof. An. Husb.*
*†A. G. Hogan, Ph. D., *Prof. An. Nutr.*
*†F. F. McKenzie, Ph. D., *Asst. Prof. An. Husb. (Coop. U. S. D. A.).*
*†H. C. Moffett, A. M., *Instr. An. Husb.*
*†L. A. Weaver, B. S., *Prof. An. Husb.*

Botany:
*†W. J. Robbins, Ph. D., *Prof. and Chair. of Dept. Dean of Grad. School.*
*W. E. Maneval, Ph. D., *Asst. Prof. Bot.*
*E. E. Naylor, Ph. D., *Asst. Prof. Bot.*
*H. W. Rickett, Ph. D., *Assoc. Prof. Bot.*
*†C. M. Tucker, Ph. D., *Assoc. Prof. Bot.; Plant Path.*

Chemistry (Agr.):
*†A. G. Hogan, Ph. D., *Chair. of Dept. and Prof. An. Nutr.*
†U. S. Ashworth, Ph. D., *Research Asst. in Agr. Chem.*
†R. V. Boucher, Ph. D., *Instr. Agr. Chem.*
*Sidney Calvert, A. M., *Prof. Org. Chem.*
*†E. W. Cowan, A. M., *Instr. Agr. Chem.*
*†L. D. Haigh,[2] Ph. D., *Assoc. Prof. Agr. Chem.*
*†S. R. Johnson, A. M., *Asst. in Agr. Chem.*
†L. R. Richardson, Ph. D., *Instr. Agr. Chem.*
*Herman Schlundt, Ph. D., *Prof. Phys. Chem.*

Dairy Husbandry:
*†A. C. Ragsdale, M. S., *Prof. and Chair. of Dept.*
*†Samuel Brody, Ph. D., *Assoc. Prof. Dairy Chem.*
‡J. E. Crosby, Jr., A. M. *Ext. Asst. Prof. Dairy Husb.*
*†E. R. Garrison, M. A., *Asst. Prof. Dairy Husb.*
*†W. C. Hall, A. M., *Asst. Instr. Dairy Husb.*
*†H. A. Herman, M. A., *Instr. Dairy Husb.*
†R. C. Procter, B. S. C. E., *Research and Tech. Asst. in Dairy Husb.*
‡M. J. Regan, A. M., *Ext. Assoc. Prof. Dairy Husb.*
*†W. H. E. Reid, M. A., *Prof. Dairy Husb.*
*†C. W. Turner, Ph. D., *Assoc. Prof. Dairy Husb.*

Economics (Agr.):
*†O. R. Johnson, A. M., *Prof. and Chair. of Dept.*

Economics (Agr.)—Continued.
*†B. H. Frame, A. M., *Asst. Prof. Agr. Econ.*
*†C. H. Hammar, Ph. D., *Asst. Prof. Agr. Econ.*
‡D. B. Ibach, M. S., *Ext. Asst. Prof. Agr. Econ.*
*†F. L. Thomsen, Ph. D., *Prof. Agr. Econ.*
‡D. C. Wood, A. M., *Ext. Assoc. Prof. Agr. Econ.*

Editorial:
*†‡A. A. Jeffrey, A. B., *Agr. Editor.*
‡L. R. Grinstead, B. J., *Asst. Agr. Editor.*

Education (Agr.):
*Sherman Dickinson, Ph. D., *Prof. Agr. Ed.*
*G. J. Dippold, Ph. D., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*†J. C. Wooley, M. S. in A. E., *Prof. and Chair. of Dept.*
†G. W. Giles, B. S., *Research Asst. in Agr. Engin.*
*†M. M. Jones, M. S., in A. E., *Assoc. Prof. Agr. Engin.*
‡G. E. Martin, B. S. in A. E., *Ext. Assoc. Prof. Agr. Engin.*
‡R. W. Oberlin, B. S., *Ext. Asst. Prof. Agr. Engin.*

Entomology:
*†Leonard Haseman, Ph. D., *Prof. and Chair. of Dept.*
*†T. E. Birkett, M. A., *Instr. Ent.*
‡G. D. Jones, B. S., *Ext. Instr. Ent.*

Extension (Admin.):[3]
‡R. R. Thomasson, B. S., *Asst. Dir. in charge.*
‡J. W. Burch, A. M., *Asst. Dir.*
‡R. H. Emberson, B. S., *State Club Agt.*
‡J. R. Fleetwood, A. M., *State Club Agt.*
‡C. C. Hearne, M. S., *State Ext. Agt.*
‡Essie M. Heyle, A. M., *in charge Home Econ. Ext.*
‡Jane Hinote, B. S., *State Club Agt.*
‡T. T. Martin, A. B., *State Club Agt.*
‡David Meeker, B. S., *State Ext. Agt.*
‡J. D. Monin, Jr., B. S., *State Ext. Agt.*
‡J. F. Nicholson, M. S., *State Ext. Agt.*
‡F. E. Rogers, B. S., *State Ext. Agt.*

Field Crops:
*†W. C. Etheridge, Ph. D., *Prof. and Chair. of Dept.*
*†E. M. Brown, A. M., *Instr. Field Crops (Coop. U. S. D. A.).*
†Clara Fuhr, M. S., *Seed Analyst (Coop. U. S. D. A.).*
*†C. A. Helm, A. M., *Assoc. Prof. Field Crops (Coop. U. S. D. A.).*
*†B. M. King, A. M., *Asst. Prof. Field Crops (Coop. U. S. D. A.).*

---

[1] This institution gives the academic title to all employees.
[2] On leave.
[3] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.

Field Crops—Continued.
*†L. J. Stadler, Ph. D., *Assoc. Prof. Field Crops (Coop. U. S. D. A.).*
‡I. P. Trotter, Ph. D., *Ext. Asst. Prof. Field Crops.*

Geology:
*E. B. Branson, Ph. D., *Prof. and Chair. of Dept.*
*W. D. Keller, Ph. D., *Asst. Prof. Geol.*
*M. G. Mehl, Ph. D., *Assoc. Prof. Geol.*
*R. E. Peck, Ph. D., *Instr. Geol.*
*C. R. Swartzlow, Ph. D., *Instr. Geol.*
*W. A. Tarr, Ph. D., D. Sc., *Prof. Geol. and Mineralogy.*

Home Economics:
*†Mabel V. Campbell, A. M., *Prof. and Chair. of Dept.*
*†Helen E. Beresford, B. S., *Asst. Prof. Home Econ.*
*†Bertha Bisbey, Ph. D., *Assoc. Prof. Home Econ.*
‡Flora L. Carl, M. A., *Ext. Asst. Prof. Home Econ.*
‡I. Fra Clark, A. M., *Ext. Asst. Prof. Home Econ. (Home Mgt.).*
*†Jessie A. Cline, A. M., *Prof. Home Econ.*
*†Jessie V. Coles, Ph. D., *Assoc. Prof. Home Econ.*
*†Mrs. Adella E. Ginter, M. S., *Asst. Prof. Home Econ.*
*Mrs. Minerva V. Grace, M. S., *Asst. Prof. Home Econ.*
‡Essie M. Heyle, A. M., *Prof. in charge Home Econ. Ext.*
*Minnie L. Irons, M. A., *Prof. Home Econ. Ed.*
‡Mary E. Robinson, A. M., *Ext. Assoc. Prof. Home Econ. (Clothing).*
‡Julia M. Rocheford, Pe. P., *Ext. Asst. Prof. Home Econ. (Home Mgt.).*
*Mary I. Schell, A. M., *Asst. Prof. Home Econ.*
*†Bertha K. Whipple, M. S., *Asst. Prof. Home Econ.*

Horticulture:
*†T. J. Talbert, A. M., *Prof. and Chair. of Dept.*
*‡J. W. C. Anderson, A. M., *Ext. Instr. Hort.*
†Frank Horsfall, Jr., A. M., *Research Asst. in Hort.*
*H. F. Major, B. S., *Assoc. Prof. Landsc. Gard. and Supt. of Grounds.*
‡W. R. Martin, Jr., B. S., *Ext. Asst. Prof. Hort.*
*†A. E. Murneek, Ph. D., *Assoc. Prof. Hort.*
*†H. G. Swartwout, M. A., *Asst. Prof. Hort.*
*†C. G. Vinson, Ph. D., *Prof. Hort.*

Physics:
*H. M. Reese, Ph. D., *Prof. and Chair. of Dept.*
*O. M. Stewart, Ph. D., D. Sc., *Prof. Phys.*

Physics—Continued.
*R. T. Dufford, Ph. D., *Asst. Prof. Phys.*
*H. E. Hammond, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:
*†H. L. Kempster, M. S., *Prof. and Chair. of Dept.*
*†E. M. Funk, A. M., *Asst. Prof. Poultry Husb.*
‡Berley Winton, A. M., *Ext. Assoc. Prof. Poultry Husb.*

Sociology (Rural):
*†E. L. Morgan, Ph. D., *Prof. and Chair. of Dept.*
*†L. G. Brown, Ph. D., *Assoc. Prof. Rural Sociol.*
*†A. S. Emig, Ph. D., *Prof. Sociol.*

Soils:
*†M. F. Miller,[1] M. S., *Prof. and Chair. of Dept. Asst. Dean Coll. of Agr.*
*†W. A. Albrecht, Ph. D., *Prof. Soils.*
*†L. D. Baver, Ph. D., *Asst. Prof. Soils.*
‡O. T. Coleman, B. S., *Ext. Asst. Prof. Soils.*
*†Hans Jenny, D. Sc., *Asst. Prof. Soils.*
*†H. H. Krusekopf, A. M., *Prof. Soils.*
*†C. F. Marbut, Ph. D., *Prof. Soils.*
†H. F. Winterkorn, Ph. D., *Research Asst. in Soils.*

Veterinary Science:
*†A. J. Durant, A. M., D. V. M., *Prof. and Chair. of Dept.*
*†J. W. Connaway, D. V. S., M. D., *Prof. Vet. Sci. and Comp. Med.*
†O. S. Crisler, D. V. M., *Supt. Hog-Cholera Serum Lab.*
*†Cecil Elder, D. V. M., M. S., *Prof. Vet. Sci.*
†H. C. McDougle, A. M., *Research Asst. in Vet. Sci.*
*†‡P. L. Piercy, D. V. M., *Instr. Vet. Sci.*
*†A. W. Uren, D. V. M., *Asst. Prof. Vet. Sci.*

Zoology:
*W. C. Curtis,[1] Ph. D., *Prof. and Chair. of Dept.*
*Rudolph Bennitt,[1] Ph. D., *Assoc. Prof. Zool.*
*J. A. Cameron, Ph. D., *Instr. Zool.*
*Mary J. Guthrie, Ph. D., *Assoc. Prof. Zool.*
*Suzanne G. Smith, A. M., *Instr. Zool.*
*F. H. Woods, Ph. D., *Asst. Prof. Zool.*

Miscellaneous:
†J. F. Barham, *Photog.*
*Leslie Cowan, B. S. in C. E., *Secy.*
*†Jane Frodsham, *in charge Agr. Libr.*
*†‡J. R. Jordan, *Auditor.*
*†R. B. Price, LL.B., *Treas.*
*†S. B. Shirky, A. M., *Supt. Short Courses, Asst. to Dean and to Dir. of Sta.*
†Leon Waughtal, *Asst. Photog.*

Missouri State Fruit Experiment Station, *Mountain Grove*

†Station staff.

†P. H. Shepard, B. S., *Director.*

Missouri State Poultry Experiment Station, *Mountain Grove*

†Station staff.

†T. W. Noland, *Director, Secy.*
†W. A. Hovis, *Pathologist.*

[1] On leave.

Lincoln University, *Jefferson City*

*Agricultural faculty.

*C. W. Florence, A. M., *President.*

*L. A. Anthony, *Libr.*
*Margaret E. Burns, Ph. B., *Teacher Home Econ.*
*Marcia E. Canty, A. M., *Asst. Prof. Home Econ.*
*W. W. Dowdy, M. S., *Prof. Biol.*
*A. L. Hammons, B. S., *Instr. Agr.*
*Thelma E. Hawkins, M. S., *Asst. Prof. Biol.*
*A. A. Kildare, Ph. D., *Prof. Biol.*
*U. S. Maxwell, M. S., *Prof. Chem.*

MONTANA

Montana State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Bozeman*

*College faculty. †Station staff. ‡Extension staff.

*Alfred Atkinson, D. Sc., *President.*
*†F. B. Linfield, B. S. A., *Dean of Agr., Dir. of Sta.*
‡J. C. Taylor, B. S., *Dir. of Ext. Service.*

Agronomy:
*†‡Clyde McKee, M. S., *Head of Dept. Vice Dean of Agr.*
†L. F. Gieseker, M. S., *Assoc. Agron. in charge Soil Survey Work.*
*†‡A. H. Post, M. S., *Assoc. Prof. and Assoc. Agron.*
*†L. P. Reitz, B. S., *Asst. Prof. and Asst. Agron.*
‡S. L. Sloan, M. S., *Agron. Specialist.*

Animal Husbandry:
*†D. W. Chittenden, A. M., *Head of Dept.*
‡I. M. C. Anderson, B. S., *Livestock Specialist.*
†Frank Barnum, B. S., *Assoc. An. Husb.*
‡Harriette E. Cushman, B. S., *Poultry Specialist.*
†W. F. Dickson, M. S., *Assoc. An. Husb.*
*R. H. Miller, M. S., *Asst. Prof. An. Husb.*
*‡J. O. Tretsven, M. S., *Assoc. Prof. An. Husb., Dairy Specialist.*

Botany and Bacteriology:
*†D. B. Swingle, Ph. D., *Head of Dept.*
*F. B. Cotner, Ph. D., *Prof. Bot. and Bact.*
†‡H. E. Morris, M. S., *Bot. and Bact.*
*†P. A. Young, Ph. D., *Asst. Prof. and Asst. Bot.*

Chemistry:
†Edmund Burke, B. S., *Head of Sta. Dept. and Met.*
*O. E. Sheppard, Ph. D., *Head of Coll. Dept. (State Chem.).*
†F. T. Donaldson, B. S., *Asst. Chem.*
†C. D. Evans, M. S., *Asst. in Chem.*
*P. C. Gaines, M. S., *Asst. Prof. Chem.*
†J. R. Green, M. S., *Asst. Chem.*
*E. L. Haenisch, B. S., *Instr. Chem.*
*B. L. Johnson, Ph. D., *Assoc. Prof. Chem.*

Dairy Industry:
*‡J. A. Nelson, Ph. D., *Head of Dept.*

Economics (Agr.):
*J. M. Hamilton, M. S., LL. D., *Head of Coll. Dept., Prof. Econ.*
†‡M. L. Wilson,[1] M. S., *Head of Sta. and Ext. Depts.*
‡H. G. Bolster, M. S., *Land Econ.*
‡A. G. Goth, M. S., *Farm Mgt. Dem.*

Economics (Agr.)—Continued.
*O. L. Mimms, M. S., *Instr. Agr. Econ.*
*†R. R. Renne, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
†M. H. Saunderson, A. M., *Assoc. Agr. Econ.*
*†P. L. Slagsvold, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
†E. A. Starch, B. S., *Assoc. Agr. Econ. Actg. Head of Dept.*

Editorial—See **Publications.**

Education (Agr.):
*R. H. Palmer, D. V. M., M. S., *Head of Dept.*

Engineering (Agr.):
*†‡H. E. Murdock, M. E., C. E., *Head of Dept.*
*†‡O. W. Monson, M. S., *Head Dept. of Irrig. Engin.*

Entomology:
*†A. L. Strand, Ph. D., *Head of Dept. (State Ent.).*
*†G. A. Mail, M. S., *Asst. Prof. and Asst. Ent.*
†J. H. Pepper, M. S., *Asst. in Ent.*

Extension (Admin.):[2]
Director Taylor *in charge.*
‡R. E. Bodley, B. S., *County Agt. Leader.*
‡Blanche L. Lee, M. A., *State Home Dem. Leader.*
‡Pauline Bunting, B. S., *Asst. State Club Leader.*

Home Economics:
*Gladys A. Branegan, Ph. D., *Prof. Home Econ., Dean of Household and Indus. Arts.*
†Jessie E. Richardson, Ph. D., *Head of Research Home Econ.*
*Iva C. Blosser, M. S., *Instr. Home Econ.*
*Bertha Clow, M. S., *Asst. Prof. Home Econ.*
*F. Louise Keller, M. S., *Asst. Prof. Home Econ. Ed.*
*Mildred J. Leigh, M. S., *Instr. Home Econ.*
†Mrs. Helen L. Mayfield, M. S., *Asst. in Research Home Econ.*
‡Josephine Pollock, M. A., *Clothing Specialist.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.
*Edith Rhyne, M. A., *Asst. Prof. Home Econ.*
‡S. Frances Smith, B. S., *Nutr. Specialist.*
‡Oona Stautz, M. S., *Home Mgt. Specialist.*

Horticulture:
*†F. M. Harrington, M. S., *Head of Dept.*
‡E. E. Isaac, B. S., *Hort. Specialist.*

Physics:
*A. J. M. Johnson, Ph. D., *Head of Dept.*
*P. L. Copeland, Ph. D., *Asst. Prof. Phys.*
*O. B. Van Horn, Jr., B. S., *Asst. in Phys.*

Publications:
*†‡John Dexter, B. S., *Dir. and Agr. Editor.*
*‡Louis True, B. S., *Asst. Editor.*

Veterinary Science:
*†‡Howard Welch, B. S., D. V. M., *Head of Dept.*
†Hadleigh Marsh, B. S., D. V. M., *Vet. Path.*
†E. A. Tunnicliff, D. V. M., M. S., *Asst. Vet. Path.*

Zoology:
*M. H. Spaulding, A. M., *Head of Dept.*
‡E. C. Cates, B. S., *Rodent Control Specialist (Coop. U. S. D. A.).*

Grain Inspection Laboratory:
†W. O. Whitcomb, M. S., *Supt.*
†W. D. Hay, M. S., *Seed Analyst and Lab. Asst.*

Miscellaneous:
*Lois B. Payson, B. L. S., A. B., *Libr.*

Branch Stations:
Hort. Branch Sta., *P. O., Corvallis*—
W. E. Pollinger, *Supt.*
Huntley Branch Sta. (Coop. U. S. D. A.), *P. O., Huntley*—
Dan Hansen, *Supt.*
D. V. Kopland, B. S., *Asst. Dairy Husb.*
A. E. Seamans, B. S., *Assoc. Agron.*
Judith Basin Branch Sta., *P. O., Moccasin*—
J. E. Norton, M. S., *Supt. (Coop. U. S. D. A.).*
J. L. Sutherland, M. S., *Cereal Invest. (Coop. U. S. D. A.).*
Northern Mont. Branch Sta., *P. O., Havre*—
G. W. Morgan, B. S., *Supt. (Coop. U. S. D. A.).*
M. A. Bell, M. S., *Asst. Agron.*
U. S. Range Livestock Expt. Sta., (Coop. U. S. D. A.), *P. O., Miles City*—
J. R. Quesenberry, M. S., *Senior An. Husb. in charge.*
R. E. Hutton, B. S., *Asst. An. Husb. (Hogs).*
S. J. Marsden, M. S., *Assoc. Poultry Husb.*
E. B. Osborn, D. V. M., M. S., *Junior An. Husb. (Horses).*
S. L. Smith, B. S., *Asst. An. Husb. (Sheep).*

NEBRASKA

College of Agriculture and the Agricultural Experiment Station of the University of Nebraska, *Lincoln*

*College faculty. †Station staff. ‡Extension staff.

*E. A. Burnett, D. Sc., LL. D., *Chancellor of University.*
*†W. W. Burr, B. S., *Dean Coll. of Agr., Dir. of Sta.*
‡W. H. Brokaw, *Dir. of Agr. Ext. Service.*

Agronomy:
*†F. D. Keim, Ph. D., *Chair. of Dept.*
*†Arthur Anderson, Ph. D., *Assoc. Prof. and Assoc. Agron. (Spring Grain Invest.).*
*†E. B. Engle, M. S., *Asst. Prof. and Asst. in Soils.*
*†A. L. Frolik, M. S., *Instr. Agron.; Asst. in Crops.*
*T. H. Goodding, Ph. D., *Assoc. Prof. Agron. and Supt. of Farm Operators Course.*
‡D. L. Gross, M. S., *Asst. Ext. Agron.*
*†T. A. Kiesselbach, Ph. D., *Prof. Agron.; in charge Crop Research.*
†W. E. Lyness, M. S., *Asst. Agron. and Supt. Agron. Farm.*
*†J. C. Russel, M. S., *Prof. Agron.; in charge Soil Research.*
‡P. H. Stewart, M. S., *Ext. Agron.*
†C. A. Suneson, M. S., *Junior Agron. (Winter Wheat Invest.: Coop. U. S. D. A.).*
†H. M. Tysdal, Ph. D., *Agron. (Alfalfa Invest.: Coop. U. S. D. A.).*
*†M. D. Weldon, M. S., *Instr. and Research Asst. in Agron.*

Animal Husbandry:
*†H. J. Gramlich, B. S., *Chair. of Dept.*
*†M. A. Alexander, M. S., *Assoc. Prof. An. Husb.; in charge Sheep Invest.*
‡W. W. Derrick, M. S., *Ext. An. Husb. (Beef).*

Animal Husbandry—Continued.
*†W. J. Loeffel, M. S., *Assoc. Prof. An. Husb.; in charge Swine Invest.*
*†R. R. Thalman, M. S., *Asst. Prof. An. Husb.; in charge Beef Cattle Invest.*
‡Walter Tolman, B. S., *Asst. Ext. An. Husb.*

Animal Pathology and Hygiene:
*†Leunis Van Es, M. D., V. S., *Chair. of Dept.*
†Ida C. Blore, *Technician.*
†C. B. McGrath, B. S., D. V. M., *Research Asst. An. Path. and Hyg.*
†J. F. Olney, M. S., D. V. M., *Research Asst. An. Path. and Hyg.*
*L. V. Skidmore, B. S., D. V. M., *Asst. Prof. An. Path.*

Bacteriology:
*G. L. Peltier, Ph. D., *Chair. of Dept.*
*L. F. Lindgren, M. S., *Instr. Bact. and Path.*

Botany:
*R. J. Pool, Ph. D., *Chair. of Dept.*
*†G. L. Peltier, Ph. D., *Prof. Plant Path.; Plant Path.*
*†R. W. Goss, Ph. D., *Prof. and Assoc. Plant Path.*
*C. E. Rosenquist, Ph. D., *Asst. Prof. Bot.*
*J. E. Weaver, Ph. D., *Prof. Plant Ecol.*

Chemistry:

*F. W. Upson, Ph. D., *Chair. of Dept.*
*†M. J. Blish, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*R. C. Abbott, A. M., *Asst. Prof. Chem.*
*†C. W. Ackerson, Ph. D., *Asst. Prof. Agr. Chem.; Research in Poultry Nutr.*
†R. M. Sandstedt, M. S., *Asst. Agr. Chem.*

Dairy Husbandry:

*†H. P. Davis, M. S., *Chair. of Dept.*
*†L. K. Crowe, M. S., *Assoc. Prof. and Asst. in Dairy Husb.*
*†P. A. Downs, Ph. D., *Prof. and Dairy Husb.*
‡M. L. Flack, M. S., *Ext. Dairyman.*
*†I. L. Hathaway, M. S., *Asst. Prof. and Research Asst. in Dairy Husb.*
‡M. N. Lawritson, B. S., *Asst. Ext. Dairyman.*
*†R. F. Morgan, M. S., *Asst. Prof. and Asst. Dairy Husb.*
*†E. L. Reichart, M. S., *Asst. Prof. Dairy Husb.; Creamery Mgr.*
‡E. C. Scheidenhelm, B. S., *Asst. Ext. Dairyman.*

Economics (Rural):

*†H. C. Filley, Ph. D., *Chair. of Dept.*
‡R. H. Cole, M. A., *Ext. Econ. in Farm Mgt.*
‡N. W. Gaines, B. S., *State Ext. Agt. in Community Organ.*
‡A. G. George, M. A., *Ext. Econ. in Farm Mgt.*
†Harold Hedges,[1] M. A., *Research Assoc. in Rural Econ.*
‡W. W. Heuermann, B. S., *Asst. Ext. Econ. in Farm Mgt.*
‡J. F. Lawrence, B. S., *Ext. Econ. (Mktg.).*
*†A. W. Medlar, A. M., *Assoc. Prof. and Assoc. in Rural Econ.*
‡H. I. Miller, B. S., *Asst. Ext. Econ. in Farm Mgt.*
*†L. B. Snyder, M. S., *Instr. and Asst. in Rural Econ.*
†R. C. Whitney, B. S., *Field Asst. in Rural Econ.*

Editorial:

*R. P. Crawford, M. A., *Prof. Agr. Journalism.*
‡Elton Lux, B. S., *Ext. Editor.*
‡G. S. Round, B. S., *Asst. Ext. Editor.*

Education (Voc.):

*H. E. Bradford, Ph. D., *Chair. of Dept.*
*Florence M. Corbin, M. S., *Assoc. Prof. Voc. Ed.*
*Rowan E. Elliff, M. A., *Asst. Prof. Voc. Ed.*
*C. C. Minteer, A. M., *Assoc. Prof. Voc. Ed.*

Engineering (Agr.):

*†E. E. Brackett, B. S. E. E., *Chair. of Dept.*
*†C. F. Adams, *Instr. Agr. Engin.; Asst. in Tractor Tests.*
*M. P. Brunig, M. A., *Instr. Agr. Engin.*
*†L. W. Hurlbut, M. S., *Asst. in Agr. Engin.*
†E. B. Lewis, B. S. A. E., *Research Agr. Engin.*
‡Aldert Molenaar, B. S., *Asst. Ext. Agr. Engin.*
*C. A. Penton, *Asst. in Agr. Engin.*
*W. J. Runnalls, *Instructing Mechanic.*

Engineering (Agr.)—Continued.

*†C. W. Smith, M. S., *Prof. Agr. Engin.; Power and Mach. Invest.*
‡I. D. Wood, M. S., *Ext. Agr. Engin.*
*†C. L. Zink, B. S. A. E., *Tractor Testing Engin.*

Entomology:

*†M. H. Swenk, A. M., *Chair. of Dept.*
‡O. S. Bare, M. S., *Ext. Ent., Apiarist.*
*†Raymond Roberts, M. S., *Asst. Prof. and Asst. Ent.*
*†D. B. Whelan, M. S., *Asst. Prof. and Asst. Ent.*

Extension (Admin.):[2]

Director Brokaw *in charge.*
‡Mary-Ellen Brown, B. S., *State Ext. Agt. in Women's Work.*
‡L. I. Frisbie, B. S., *State Ext. Agt. in Club Work.*
‡H. G. Gould, B. S., *Ext. Leader, Western Dist.*
‡R. E. Holland, B. S., *Ext. Leader, Eastern Dist.*
‡Mary B. Nelson, B. S., *Asst. State Ext. Agt. in Club Work.*
‡J. L. Thomas, B. S., *Ext. Agt. in charge of Routing and Reports.*
‡Allegra E. Wilkins, *Asst. State Leader in Boys' and Girls' Club Work.*

Forestry:

‡C. W. Watkins, B. S., *State Ext. Agt. in For.*

Home Economics:

*†Margaret S. Fedde, A. M., *Chair. of Dept.*
*Mrs. Angeline C. Anderson, M. S., *Asst. Instr. Child Development.*
‡Florence J. Atwood, M. S., *State Ext. Agt. in Foods and Nutr.*
†A. E. Baragar, M. S., *Research Asst. in Home Econ.*
*Edith Carse, M. A., *Instr. Home Econ.*
‡Leona S. Davis, B. S., *State Ext. Agt. in Nutr.*
‡Rizpah A. Douglass, B. S., *State Ext. Agt. in Home Beautification.*
*†Rebekah M. Gibbons, Ph. D., *Assoc. Prof. and Assoc. Home Econ.*
‡Jessie G. Greene, B. S., *State Ext. Agt. in Foods and Nutr.*
*Louise L. Leaton, M. S., *Instr. Home Econ.*
*Evelyn J. Metzger, *Asst. Prof. Home Econ.*
*Grace M. Morton, A. M., *Assoc. Prof. Home Econ.*
*Martha A. Park, M. S., *Asst. Prof. Institution Mgt.*
*†Matilda K. Peters, A. M., *Assoc. Prof. and Assoc. Home Econ.*
‡Helen A. Rocke, B. S., *State Ext. Agt. in Clothing.*
*Gladys C. Ruby, A. M., *Asst. Prof. Home Econ.*
‡Mary E. Runnalls, B. S., *State Ext. Agt. in Home Mgt.*
*Dorothy Saville, M. S., *Asst. Instr. Home Econ.*
‡Muriel L. Smith, B. S., *State Ext. Agt. in Home Mgt.*
†Mrs. Edna B. Snyder, M. S., *Research Specialist in Household Equipment.*
*†Ruth E. Sperry, M. S., *Asst. Instr. and Asst. Home Econ.*
*Ruth Staples, Ph. D., *Assoc. Prof. Home Econ.*
*Bess Steele, B. S., *Asst. Prof. Home Econ.*
‡A. Genevieve Woodman, B. S., *State Ext. Agt. in Home Mgt.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture:

*†C. C. Wiggans, Ph. D., *Chair. of Dept.*
‡E. H. Hoppert, B. S., *State Ext. Agt. in Hort.*
†H. O. Werner, Ph. D., *Assoc. Hort.*
*†W. W. Yocum, M. A., *Instr. and Asst. Hort.*

Poultry Husbandry:

*†F. E. Mussehl, B. S., *Chair. of Dept.*
*H. E. Alder, M. A., *Asst. Prof. Poultry Husb.*
‡J. H. Claybaugh, B. S., *Asst. Ext. Poultry Husb.*
‡J. R. Redditt, B. S., *Ext. Poultry Husb.*

Miscellaneous:

*†L. E. Gunderson, *Finance Secy.*
*†Edna C. Noble, B. L., *Libr.*

Substations:

Director Burr *in charge.*
North Platte Substa., *P. O., North Platte*—
L. L. Zook, B. S., *Actg. Supt. and Agron. (Coop. U. S. D. A.).*
M. L. Baker, M. S., *An. Husb.*
H. A. McComb, B. S., *Hort.*
H. E. Weakly, M. S., *Asst. Agron. (Coop. U. S. D. A.).*
Scotts Bluff Substa., *P. O., Mitchell*—
Lionel Harris, M. S., *Actg. Supt.*
Valentine Substa., *P. O., Valentine*—
E. M. Brouse, B. S., *Supt.*
Box Butte Expt. Farm, *P. O., Alliance*—
George Schmid, B. S., *Foreman.*
Union Fruit Farm, *P. O., Union*—
R. A. Mapes, *in charge.*

NEVADA

College of Agriculture and the Agricultural Experiment Station of the University of Nevada, *Reno*

*College faculty. †Station staff. ‡Extension staff.

*W. E. Clark, Ph. D., LL. D., *President of University.*
*†Robert Stewart, Ph. D., *Dean Coll. of Agr.*
†S. B. Doten, M. A., *Dir. of Sta. Ent.*
‡C. W. Creel, B. S., *Dir. of Agr. Ext.*

Agronomy:

Dean Stewart *in charge.*
†V. E. Spencer, M. S., *Assoc. in Soils Research.*

Animal Industry:

*F. W. Wilson, M. S., *Prof. An. Husb.*
*G. E. Brooks, B. S., *Instr. Dairying.*
*C. J. Thornton, B. S., *Instr. Poultry Husb.*

Biology:

*Peter Frandsen, A. M., LL. D., *Prof. Biol.*
*C. L. Brown, M. A., *Asst. Prof. Biol.*
*P. A. Lehenbauer, Ph. D., *Prof. Biol.*
*Margaret E. Mack, A. M., *Assoc. Prof. Biol.*
*Loretta R. Miller, B. S., *Instr. Biol.*

Chemistry:

*Maxwell Adams, Ph. D., *Prof. Chem. and Vice Pres.*
†M. R. Miller, M. S., *Research Agr. Chem.*
*M. W. Deming, Ph. D., *Assoc. Prof. Chem.*
*†S. A. Lough, Ph. D., *Assoc. Prof. Chem.; Asst. in Soils Research.*
*G. W. Sears, Ph. D *Prof. Chem.*

Economics (Agr.):

†F. B. Headley, *Chief Dept. of Farm Development.*
†C. A. Brennen, B. A., *Range Econ. (P. O., Elko).*
‡L. E. Cline, M. S., *Ext. Agr. Econ.*
†Milton Howard, *Asst. in Farm Development.*
‡V. E. Scott, M. S., *Ext. Agr. Econ.*
†G. H. Smith, Jr., B. S., *Asst. Range Econ. (P. O., Elko).*
†Louis Titus, M. S., *Asst. in Farm Development.*

Editorial:

‡A. L. Higginbotham, A. M., *Editor.*

Engineering (Agr. and Irrig.):

†J. E. Church, Ph. D., *Met.*
†George Hardman, M. S., *Chief Dept. of Irrig.*
*F. L. Bixby, B. S., C. E., *Prof. Irrig. Engin.*
*J. T. Ryan, *Instr. Shop Pract.*

Extension (Admin.):[1]

Director Creel *in charge.*
‡T. E. Buckman, M. S., *Asst. Dir. for Agr.*
‡Mrs. Mary S. Buol, B. S., *Asst. Dir. for Home Econ.*

Home Economics:

*Sarah L. Lewis, M. A., *Prof. Home Econ.*
*Jessie P. Pope, M. A., *Assoc. Prof. Home Econ.*
*Louise K. Springer, B. S., *Instr. Home Econ.*

Physics:

*L. W. Hartman, Ph. D., *Prof. Phys.*
*G. B. Blair, A. M., *Assoc. Prof. Phys.*
*S. W. Leifson, Ph. D., *Assoc. Prof. Phys.*

Range Management:

†C. E. Fleming, B. S. A., *in charge Range Mgt.*
†Mrs. Martha R. Bruce, *Statistician.*
†Andrew Young, *Asst. in Range Mgt.*

Veterinary Science:

†Edward Records, V. M. D., *Vet.*
†L. R. Vawter, D. V. M., M. S., *Assoc. Path. in Vet. Sci.*

Miscellaneous:

†Golamae Johnson, *Libr. and Secy.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

NEW HAMPSHIRE

The College of Agriculture and the Mechanic Arts and the Agricultural Experiment Station of the University of New Hampshire, *Durham*

*College faculty. †Station staff. ‡Extension staff.

*E. M. Lewis, A. M., LL. D., Litt. D., *President of University.*
*†M. G. Eastman, Ph. D., *Dean Coll. of Agr.*
†‡J. C. Kendall, B. S., *Dir. of Sta., Dir. of Ext. Service.*
*†F. W. Taylor, B. S., *Dir. of Commercial Depts.*

Agronomy:
*†‡F. S. Prince, B. S., *Assoc. Prof. and Assoc. Agron.*
*†W. T. Ackerman, B. S. A. E., *Asst. Prof. and Agr. Engin.*
†P. T. Blood, M. S., *Asst. Agron.*
*‡H. N. Colby, B. S., *Instr. and Asst. Agr. Engin.*
*†G. M. Foulkrod, M. S., *Instr. and Asst. Agr. Engin.*
*†L. J. Higgins, B. S., *Asst. Prof. and Asst. Agron.*
†Betty G. Sanborn, *Seed Analyst.*

Animal Husbandry:
†E. G. Ritzman, M. S., *Research Prof. An. Husb. (Nutr.).*
†N. F. Colovos, M. S., *Asst. in An. Husb.*
†Mrs. Helen H. Latimer, *Gas Analyst.*
†A. D. Littlehale, *Shepherd.*
*L. V. Tirrell, B. S., *Assoc. Prof. An. Husb.*

Botany:
*†O. R. Butler, Ph. D., *Prof. Bot.; Bot.*
*†S. J. Dunn, Ph. D., *Instr. and Asst. Bot.*
*Marian E. Mills, M. A., *Asst. Prof. Bot.*
*†L. W. Slanetz, Ph. D., *Instr. Bact.; Asst. in Bot.*

Chemistry (Agr. and Biol.):
*†T. G. Phillips, Ph. D., *Prof. Agr. and Biol. Chem.; Chem.*
*C. R. Dawson, B. S., *Instr. Chem.*
*H. C. Fogg, Ph. D., *Asst. Prof. Chem.*
*J. A. Funkhouser, Ph. D., *Asst. Prof. Chem.*
*H. A. Iddles, Ph. D., *Prof. Chem.*
*R. H. Kimball, Ph. D., *Asst. Prof. Chem.*
†G. P. Percival, M. S., *Asst. Chem.*
*†S. R. Shimer, M. S., *Asst. Prof. Agr. and Biol. Chem.; Asst. Chem.*
*M. M. Smith, A. M., *Assoc. Prof. Chem.*
†T. O. Smith, M. S., *Assoc. Chem.*

Dairy Husbandry:
*†K. S. Morrow, M. S., *Prof. Dairy Husb.; Dairy Husb.*
‡E. F. Eastman, B. S., *Ext. Dairyman.*
‡C. N. Hall, B. S., *Asst. Ext. Dairyman.*
*†H. C. Moore, M. S., *Instr. and Asst. Dairy Husb.*

Economics (Agr.):
*†M. G. Eastman, Ph. D., *Prof. and Assoc. Agr. Econ.*
†‡M. F. Abell, Ph. D., *Asst. Agr. Econ. and Asst. Ext. Econ. (Farm Mgt.).*
†S. W. Colby, B. S., *Research Field Asst. in Agr. Econ.*
‡L. A. Dougherty, B. S., *Ext. Econ. in Mktg.*
*†H. C. Grinnell, M. S., *Asst. Prof. and Asst. Agr. Econ.*
†‡E. H. Rinear, M. S., *Research and Ext. Econ. in Mktg.*
†‡H. C. Woodworth, M. S., *Agr. Econ. and Ext. Econ. (Farm Mgt.).*

Editorial:
†‡F. E. Perkins, B. S., *Editorial Asst.*

Education (Agr.):
*E. H. Little, B. S., *Instr. Agr. Ed.*

Engineering—See **Agronomy.**

Entomology:
*†W. C. O'Kane, D. Sc., *Prof. Econ. Ent.; Ent. (State Nursery Insp.).*
*†J. G. Conklin, M. S., *Instr. and Asst. Ent.*
†L. C. Glover, M. S., *Research Asst. in Ent.*
†W. A. Westgate, M. S., *Research Chem. Asst. in Ent.*

Extension (Admin.): [1]
Director Kendall *in charge.*
‡E. P. Robinson, B. S., *County Agt. Leader.*
‡Daisy D. Williamson, *State Home Dem. Leader.*
‡C. B. Wadleigh, B. S., *State Club Leader.*
‡Mary L. Sanborn, *Asst. State Club Leader.*

Forestry:
*†K. W. Woodward, A. B., M. F., *Prof. For.; For.*
‡K. E. Barraclough, B. S., *Ext. For.*
*†C. L. Stevens, M. F., Ph. D., *Asst. Prof. and Asst. For.*

Home Economics: [2]
*Mrs. Helen F. McLaughlin, M. A., *Prof. Home Econ.*
‡Ann F. Beggs, *Ext. Econ. (Home Mgt.).*
*Irma G. Bowen, B. S., *Asst. Prof. Home Econ.*
‡Elizabeth E. Ellis, M. A., *Nutr. Specialist.*
*Elizabeth C. Fernald, *Asst. in Home Econ.*
‡Hazel E. Hill, B. S., *Clothing Specialist.*
*Mrs. Helen W. Leighton, *Instr. Home Econ.*
*Dorothy V. Mummery, M. S., *Instr. Home Econ.*
*Ruby V. Simpson, M. S., *Instr. Home Econ.*
*Marion J. Stolworthy, *Instr. Home Econ.*

Horticulture:
*†G. F. Potter, Ph. D., *Prof. Hort.; Hort.*
*H. S. Clapp, B. S., *Instr. Ornamental Hort. and Supervising Landsc. Arch.*
*†J. R. Hepler, M. S., *Assoc. Prof. and Assoc. Hort.*
*†L. P. Latimer, Ph. D., *Asst. Prof. and Asst. Hort.*
*†James Macfarlane, *Instr. Flor.; Florist.*
†E. J. Rasmussen, M. S., *Research Asst. Hort.*
‡C. O. Rawlings, B. S., *Ext. Hort.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] Courses given in College of Liberal Arts.

Physics:
*H. L. Howes, Ph. D., *Prof. Phys.*
*W. H. Hartwell, M. S., *Asst. Prof. Phys.*
*H. I. Leavitt, B. S., *Instr. Phys.*
*Clement Moran, A. B., *Assoc. Prof. Phys.*
*R. R. Starke, A. M., *Asst. Prof. Phys.*

Poultry Husbandry:
*†T. B. Charles, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†C. A. Bottorff, Jr., B. S., D. V. M., *Instr. and Poultry Path.*
‡R. C. Bradley, Ph. D., *Ext. Poultryman.*
†R. C. Durgin, B. S., *Asst. Poultry Tester.*
†R. C. Ham, *Lab. Technician.*
†E. W. Lang, *Tester.*
*†C. L. Martin, D. V. M., *Asst. Prof. Vet. Sci.; Vet.*
†F. D. Reed, B. S., *Poultry Certification Insp.*

Poultry Husbandry—Continued.
*†A. E. Tepper, M. S., *Instr. and Asst. Poultry Husb.*

Zoology:
*C. F. Jackson, M. S., *Prof. Zool.*
*W. R. Eadie, M. S., *Asst. in Zool.*
*Alma D. Jackson, M. A., *Assoc. Prof. Zool.*
*C. W. Monroe, M. S., *Asst. in Zool.*
*W. M. Prince, M. D., *Instr. Zool.*
*Mrs. Edythe T. Richardson, M. S., *Asst. Prof. Zool.*
*Eleanor L. Sheehan, M. S., *Asst. in Zool.*
*Ruth E. Thompson, M. S., *Instr. Zool.*

Miscellaneous:
*†M. A. Miller, B. S., *Libr.*
†‡Elizabeth E. Mehaffey, *Asst. Libr.*
†‡H. B. Stevens, A. B., *Executive Secy.*

NEW JERSEY

State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station of Rutgers University (the State University of New Jersey), *New Brunswick*

*College faculty. †Station staff. ‡Extension staff.

*R. C. Clothier, LL. D., D. L., *President of University.*
*†J. G. Lipman, Ph. D., D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡H. J. Baker, Ed. M., *Dir. of Ext. Service in Agr. and Home Econ.*
*F. G. Helyar, B. S., *Dir. of Resident Instruction.*

Agronomy—See **Soils and Crops.**

Animal Husbandry:
*W. C. Skelley, M. S., *Prof. An. Husb.*

Bacteriology:
*T. J. Murray, M. S., *Prof. Bact.*
*J. A. Anderson, Ph. D., *Asst. Prof. Bact.*

Biochemistry (Agr.):
*†W. C. Russell, Ph. D., *Prof. Agr. Biochem.; Biochem. in An. Nutr.*
†Mrs. Mary G. Howard, *Technician.*
*†M. W. Taylor, Ph. D., *Instr. and Asst. Biochem. in Nutr.*

Botany:
*†J. W. Shive, Ph. D., *Prof. Plant Physiol.; Chief Div. of Bot.*
*M. A. Chrysler, Ph. D., *Prof. Bot.*
*Hettie M. Chute, Ph. D., *Asst. Prof. Bot.*
*Jessie G. Fiske, Ph. B., M. S., *Prof. Bot.*
*M. A. Johnson, Ph. D., *Asst. Prof. Bot.*
*M. Elsie Osgood, A. B., *Instr. Bot.*
*†W. R. Robbins, Ph. D., *Asst. Prof. and Asst. Plant Physiol.*
*J. A. Small, Ph. D., *Asst. Prof. Bot.*

Chemistry:
*W. T. Read, Ph. D., *Prof. Chem.*
†C. S. Cathcart, M. S., *Chem.*
*D. L. Cottle, Ph. D., *Asst. Prof. Chem.*
*A. C. de Regt, M. S., *Assoc. Prof. Chem.*
*M. F. Parker, B. S., *Instr. Chem.*
*C. W. Rieman, 3d, Ph. D., *Asst. Prof. Chem.*
*Mrs. Florence C. Small, M. S., *Instr. Chem.*
*P. A. van der Meulen, Ph. D., *Prof. Gen. and Phys. Chem.*
*H. L. Van Mater, B. S., *Instr. Chem.*

Dairy Husbandry and Manufactures:
*J. W. Bartlett, Ph. D., *Prof. Dairy Husb.*
*C. B. Bender, M. S., *Assoc. Prof. Dairy Husb.*
*F. C. Button, M. S., *Prof. Dairy Husb.*
‡E. A. Gauntt, B. S., *Ext. Assoc. Prof. Dairy Husb.*
*J. C. McCan, M. S., *Instr. Dairy Mfrs.*
*W. M. Nulton, *Instr. Dairy Farming.*
‡E. J. Perry, M. S., *Ext. Assoc. Prof. Dairy Husb.*

Economics (Agr.):
*†A. G. Waller, M. S., *Prof. Agr. Econ.; Agr. Econ.*
*†Henry Keller, Jr., Ph. D., *Prof. Agr. Econ.; Specialist in Rural Sociol.*
‡L. A. Bevan, B. S., *Ext. Econ. Mktg.*
*†J. W. Carncross, M. S., *Research Asst. in Agr. Econ.*
‡W. F. Knowles, M. S., *Ext. Prof. Agr. Econ.*
‡W. G. Meal,[1] Ph. D., *Ext. Econ., Mktg.*

Editorial:
*‡R. W. DeBaun, B. S., *Editor.*
†Mrs. Herminie B. Kitchen, Litt. B., *Assoc. Editor.*
‡W. S. Moreland, B. S., *Editor, News Service.*
‡Marjorie I. Merritt, Litt. B., *Assoc. Editor, News Service.*

Education (Agr.):
*H. O. Sampson, A. M., *Prof. Agr. Ed.*
*L. S. Archibald, M. S., *Asst. Prof. Agr. Ed.*
*E. V. Bearer, M. S., *Assoc. Prof. Agr. Ed.*

[1] On leave.

Engineering (Agr.):

*E. R. Gross, B. S., *Prof. Agr. Engin.*
*H. E. Besley, M. S., *Instr. Agr. Engin.*
‡W. C. Krueger, B. S., *Ext. Assoc. Prof. Agr. Engin.*

Entomology (Econ.):

*†T. J. Headlee, Ph. D., *Prof. Ent.; Ent. (State Ent.).*
*B. F. Driggers, Ph. D., *Asst. Prof. Ent.*
*R. S. Filmer, M. S., *Asst. Prof. Ent.*
*†J. M. Ginsburg, Ph. D., *Assoc. Prof. Ent.; Biochem. in Ent. Invest.*
*†C. C. Hamilton, Ph. D., *Assoc. Prof. and Assoc. Ent.*

Extension (Admin.): [1]

Director Baker *in charge.*
‡Marion Butters, B. S., *Asst. Dir.*
‡A. M. Hulbert, *Asst. Dir.*
‡W. H. Allen, B. S., *County Agt. Leader.*
‡Mildred B. Murphey, B. S., *Asst. State Home Dem. Leader.*

Forestry:

‡E. L. Scovell, M. F., *Ext. For.*

Geology:

*A. O. Hayes, Ph. D., *Prof. Geol.*
*H. H. Hess, Ph. D., *Instr. Geol.*
*R. W. Imley, Ph. D., *Instr. Geol.*

Home Economics: [2]

———— ————, *Prof. Home Econ.*
*Mrs. Marion W. Anderson, B. S., *Asst. Prof. Home Econ.*
‡Marion Butters, B. S., *Ext. Prof. Home Econ.*
*Dorothy Dean, B. S., *Instr. Home Econ.*
*Alberta Dent, M. S., *Assoc. Prof. Home Econ.*
‡Marie C. Doermann, B. S., *Ext. Prof. Nutr.*
*Mrs. Helen W. Hazen, A. B., *Prof. Home Econ. and Dir. Voc. Ed.*
‡Inez J. LaBossier, B. S., *Ext. Asst. Prof. Clothing.*
*Millie J. McCoy, A. M., *Instr. Home Econ.*
‡Mrs. Marion F. McDowell, A. B., *Ext. Asst. Prof. Parent Ed.*
*Mary Olney, B. S., *Instr. Home Econ.*
*Mary I. Raven, A. M., *Assoc. Prof. Home Econ.*
*Mrs. Mildred R. Seibert, *Instr. Home Econ.*
*Mary M. Thompson, R. N., *Assoc. Prof. Nursing.*

Horticulture:

*M. A. Blake, M. S., *Prof. Hort.*
*H. M. Biekart, B. S., *Prof. Hort.*
*J. H. Clark, M. S., *Prof. Pomol.*
*C. H. Connors, Ph. D., *Prof. Ornamental Hort.*
*O. W. Davidson, Ph. D., *Instr. Pomol.*
*‡A. J. Farley, B. S., *Prof. and Ext. Hort. (Pomol.).*
*R. B. Farnham, B. S., *Asst. Prof. Flor.*
*H. F. Huber, B. S., *Asst. Prof. Veg. Gard.*
*†G. T. Nightingale, Ph. D., *Assoc. Prof. Hort. Sci.; Hort. Biochem.*
‡C. H. Nissley, B. S., *Ext. Prof. Veg. Gard.*
*L. G. Schermerhorn, M. S., *Prof. Veg. Gard.*
†V. A. Tiedjens, Ph. D., *Assoc. Olcr.*
*V. J. Triolo, B. S., *Instr. Ornamental Hort.*

Physics:

*George Winchester, Ph. D., *Prof. Phys.*
*R. D. Atkinson, Ph. D., *Assoc. Prof. Phys.*
*A. L. Greenlees, Ph. D., *Assoc. Prof. Phys.*
*D. D. Porter, A. M., *Asst. in Phys.*

Plant Pathology:

*†W. H. Martin, Ph. D., *Prof. Plant Path.; Plant Path. Actg. Dir. of Sta.*
†Elizabeth S. Clark, Ph. D., *Asst. Plant Path.*
†R. H. Daines, Jr., Ph. D., *Research Asst. in Plant Path.*
*C. M. Haenseler, Ph. D., *Assoc. Prof. Plant Path. and Mycol.*
†C. H. Wadleigh, M. S., *Research Asst. in Plant Physiol.*
*R. P. White, Ph. D., *Assoc. Prof. Plant Path.*

Poultry Husbandry:

*W. C. Thompson, Ph. D., *Prof. Poultry Husb.*
*F. R. Beaudette, D. V. M., *Prof. Poultry Path.*
‡L. M. Black, B. S., *Ext. Poultryman.*
*C. S. Platt, M. S., *Assoc. Prof. Poultry Husb.*
‡J. C. Taylor, M. S., *Assoc. Ext. Poultryman.*

Soils and Crops:

Dean Lipman, *Chief of Div.*
*†A. W. Blair, A. M., *Prof. Agr. Chem.; Soil Chem.*
*†H. B. Sprague, Ph. D., *Prof. Agron.; Agron.*
*†G. W. Burton, M. S., *Asst. in Agron.*
‡H. R. Cox, M. S., *Ext. Prof. Agron.*
†E. E. Evaul, Ph. D., *Assoc. in Turf Mgt.*
†Mrs. Clara W. Hye, *Lab. Asst.*
*†J. S. Joffe, Ph. D., *Assoc. Prof. Soils; Chem. in Soil Research.*
*†L. L. Lee, D. Sc., *Prof. Soils; Research Specialist in Land Utilization.*
*†H. C. McLean, Ph. D., *Asst. Prof. Soils; Assoc. Soil Chem.*
*†A. L. Prince, M. S., *Asst. Prof. and Asst. Soil Chem.*
*†R. L. Starkey, Ph. D., *Assoc. Prof. Soil Microbiol.; Assoc. Microbiol.*
*†S. A. Waksman, Ph. D., *Prof. Soil Microbiol.; Microbiol.*
†S. H. Winterberg, M. S., *Field Asst.*

Water Supplies and Sewage Disposal:

*Willem Rudolfs, Ph. D., *Prof. Water Supplies and Sewage Disposal.*
*H. Heukelekian, Ph. D., *Asst. Prof. Water Supplies and Sewage Disposal.*
*G. M. Ridenour, M. S., C. E., *Instr. Water Supplies and Sewage Disposal.*
*†L. R. Setter, Ph. D., *Instr. Water Supplies and Sewage Disposal; Asst. in Sewage Research.*

Zoology:

*T. C. Nelson, Ph. D., *Prof. Zool.*
*A. A. Boyden, Ph. D., *Assoc. Prof. Zool.*
*†L. A. Hausman, Ph. D., *Prof. Zool.; Consult. Ornith.*
*Elsa M. Keil, A. M., *Instr. Zool.*
*W. H. Mitchell, Jr., Ph. D., *Instr. Zool.*

---

[1] For subject-matter workers see the respective division; i. e., animal husbandry, bacteriology, etc.
[2] Courses given in the College for Women.

Zoology—Continued.

*Elizabeth H. Parsons, A. M., *Instr. Zool.*
*E. B. Perkins, Ph. D., *Asst. Prof. Zool.*
*Helen H. Smith, M. S., *Instr. Zool.*

Miscellaneous:

*G. A. Osborn, A. M., *Libr.*
†Elizabeth G. Skillman, B. S., *Asst. Libr.*

New Jersey State Agricultural Experiment Station, *New Brunswick*

†Station staff.

†J. G. Lipman, Ph. D., D. Sc., *Director.*

Agronomy—See **Soils and Crops.**

Animal Husbandry:

†W. C. Skelley, M. S., *An. Husb.*

Chemistry:

†C. S. Cathcart, M. S., *Chem.* (*State Chem.*).
†P. A. Barich, *Fert. and Feed Insp.*
†L. J. Faneuf, B. S., *Junior Chem.*
†M. S. Fisher, B. S., *Junior Chem.*
†F. L. Groendyke, *Fert. and Feed Insp.*
†A. C. Wark, *Junior Chem.*
†R. L. Willis, B. S., *Chem.*

Cranberry and Blueberry Research:

†C. S. Beckwith, M. S., *Assoc. Ent. in Cranberry and Blueberry Invest.* (*P. O., Pemberton*).
†C. A. Doehlert, M. S., *Asst. in Cranberry and Blueberry Invest.* (*P. O., Pemberton*).

Dairy Husbandry:

†J. W. Bartlett, Ph. D., *Dairy Husb.*
†C. B. Bender, M. S., *Assoc. Dairy Husb.*
†F. C. Button, M. S., *Assoc. in Dairy Mfrs.*
†Fred Gauntt, *Dairyman.*
†J. C. McCan, M. S., *Assoc. in Dairy Mfrs.*
†C. O. Pfau, *Supt. Advanced Registry.*
†H. H. Tucker, M. S., *Assoc. Dairy Husb.* (*P. O., Sussex*).

Economics (Agr.):

†A. G. Waller, M. S., *Chief.*
†J. W. Carncross, M. S., *Research Asst. in Agr. Econ.*

Editorial:

†R. W. DeBaun, B. S., *Editor.*
†Mrs. Herminie B. Kitchen, Litt. B., *Assoc. Editor.*

Engineering (Agr.):

†E. R. Gross, B. S., *Chief.*
†H. E. Besley, M. S., *Asst. in Agr. Engin.*

Entomology:

†T. J. Headlee, Ph. D., *Ent.* (*State Ent.*).
†B. F. Driggers, Ph. D., *Assoc. Ent. in Oriental Peach Moth Invest.*
†R. S. Filmer, M. S., *Assoc. Ent. in Apicultural Invest.*
†J. M. Ginsburg, Ph. D., *Assoc. Ent.*
†C. C. Hamilton, Ph. D., *Assoc. Ent.*
†Carl Ilg, *Lab. Asst.*
†Augusta E. Meske, *Asst. Ent.*

Horticulture:

†M. A. Blake, M. S., *Chief.*
†C. H. Connors, Ph. D., *Ornamental Hort.*
†H. M. Adams, *Research Foreman in Pomol.*
†H. G. Bailey, *Research Foreman in Oler.*
†H. M. Biekart, B. S., *Asst. Ornamental Hort.*
†J. H. Clark, M. S., *Assoc. Pomol.*

Horticulture—Continued.

†R. B. Farnham, B. S., *Asst. Ornamental Hort.*
†H. F. Huber, B. S., *Asst. Oler.*
†G. T. Nightingale, Ph. D., *Assoc. Biochem. in Hort.*
†L. G. Schermerhorn, M. S., *Oler.*

Plant Pathology:

†W. H. Martin, Ph. D., *Plant Path. Actg. Dir.*
†J. C. Campbell, *Asst. Plant Path.*
†C. M. Haenseler, Ph. D., *Assoc. Plant Path.*
†R. P. White, Ph. D., *Assoc. Plant Path.*

Poultry Husbandry:

†W. C. Thompson, Ph. D., *Poultry Husb.*
†F. R. Beaudette, D. V. M., *Poultry Path.*
†J. J. Black, D. V. M., *Assoc. Poultry Path.* (*P. O., Vineland*).
†V. L. Darago, *Supvr. Poultry Research Plant.*
†C. B. Hudson, M. S., *Asst. Poultry Path.*
†C. S. Platt, M. S., *Assoc. Poultry Husb.*

Seed Analysis:

†Jessie G. Fiske, Ph. B., M. S., *State Seed Analyst.*
†Sadie L. Boyce, *Asst. Seed Analyst.*
†M. Elsie Osgood, A. B., *Research Asst.*
†Nandor Porges, Ph. D., *Seed Insp.*
†Mary H. Wilde, M. S., *Research Asst.*

Soils and Crops:

Dean Lipman, *Soil Chem. and Bact.*
†A. W. Blair, A. M., *Soil Chem.*
†H. B. Sprague, Ph. D., *Agron.*
†R. E. Blaser, B. S., *Research Asst. in Agron.*
†G. W. Burton, M. S., *Research Asst. in Agron.*
†J. C. Miller, *Research Asst. in Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
†A. G. Sandhoff, M. S., *Research Asst. in Soil Microbiol.*

Spray Residue Investigations:

†H. C. McLean, Ph. D., *Chief.*
†A. L. Weber, M. S., *Junior Chem.*

Water and Sewage Research:

†Willem Rudolfs, Ph. D., *Chief.*
†W. H. Baumgartner, M. S., *Asst. in Water and Sewage Research.*
†H. Heukelekian, Ph. D., *Assoc. in Water and Sewage Research.*
†I. O. Lacy, M. S., *Asst. in Water and Sewage Research.*
†G. M. Ridenour, M. S., C. E., *Engin. in Water and Sewage Research.*
†L. R. Setter, Ph. D., *Asst. in Water and Sewage Research.*

Zoology:

†T. C. Nelson, Ph. D., *Biol. in charge Oyster Research.*
†J. R. Nelson, B. S., *Asst. Biol. in Oyster Research* (*P. O., Bivalve*).

Miscellaneous:

†G. A. Osborn, A. M., *Libr.*
†W. C. Skelley, M. S., *Supt. Bldgs. and Grounds and Mgr. of Coll. Farm.*
†Elizabeth G. Skillman, B. S., *Assoc. Libr.*
†A. F. Stout, *Farm Mgr.*

Substations:

Cranberry Sta., *P. O., Pemberton*—
C. S. Beckwith, M. S., *in charge.*
North Jersey Branch Sta., *P. O. Sussex*—
H. H. Tucker, M. S., *in charge.*

NEW MEXICO

New Mexico College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *State College* **(freight and express address,** *Mesilla Park*)

*College faculty. †Station staff. ‡Extension staff.

*H. L. Kent, M. S., LL. D., *President.*
*H. M. Gardner, M. S., *Dean School of Agr.*
*†Fabian Garcia, M. S., D. Agr., *Dir. of Sta.*
‡W. L. Elser, B. S., *Dir. of Ext. Service.*

Agronomy:

*†J. C. Overpeck, M. S., *Prof. Agron.; Agron.*
†John Carter, Jr., B. S., *Asst. Agron. (P. O., Clayton).*
*†C. L. Englehorn, M. S., *Asst. Prof. and Asst. Agron.*
†W. B. Morrow, B. S., *Asst. in Agron.*
‡G. R. Quesenberry, B. S., *Ext. Agron.*
*†Glen Staten, M. S., *Asst. Prof. and Asst. Agron.*
†G. N. Stroman, Ph. D., *Assoc. Agron.*

Animal Husbandry:

*†J. L. Lantow, M. S., *Prof. An. Husb.; An. Husb.*
‡W. L. Black, D. V. M., *Ext. An. Husb.*
*†P. E. Neale, M. S., *Asst. Prof. and Asst. An. Husb.*
†K. W. Parker, M. S., *Asst. An. Husb.*
†W. E. Watkins, M. S., *Nutr. Chem. and Assoc. in An. Husb.*
†C. P. Wilson, M. S., *Assoc. in Range Plant Invest.*

Biology:

*†R. F. Crawford, M. S., *Prof. Biol.; Biol.*
*†J. R. Eyer, Ph. D., *Assoc. Prof. Biol.; Ent.*
*A. L. Hershey, Ph. D., *Asst. Prof. Biol.*

Chemistry:

*†C. W. Botkin, A. M., *Prof. Chem.; Chem. (State Chem.).*
*†G. R. Hamiel, M. A., *Asst. Prof. and Asst. Chem.*
*†L. B. Shires, M. S., Ch. E., *Asst. Prof. and Asst. Chem.*

Dairy Husbandry:

*†O. C. Cunningham, B. S., *Prof. Dairy Husb.; Dairy Husb.*
†L. H. Addington, M. S., *Asst. Dairy Husb.*
‡E. E. Anderson, B. S., *Ext. Dairyman.*

Economics (Agr.):

*‡L. H. Hauter, M. S., *Prof. Agr. Econ., Ext. Econ.*
†P. W. Cockerill, M. S., *Agr. Econ.*

Economics (Agr.)—Continued.

†R. P. Callaway, A. M., *Asst. Agr. Econ.*

Editorial:

†C. P. Wilson, M. S., *Editor.*
‡Mrs. Ivy G. Yoast, *Editor and Secy.*

Education (Agr.):

*H. M. Gardner, M. S., *Prof. Agr. Ed.*

Engineering (Agr.):

*J. H. Butler, B. S. M. E., *Instr. Farm Mech.*
†A. S. Curry, B. S., *Assoc. in Irrig.*

Extension (Admin.):[1]

Director Elser *in charge.*
‡L. H. Hauter, M. S., *Asst. Dir.*
‡E. C. Hollinger, M. S., *Asst. Dir.*
‡R. R. Will, B. S., *Asst. Dir.*
‡Veda A. Strong, B. S., *State Home Agt.*
‡Dee Maier, M. A., *Asst. State Home Agt.*

Home Economics:[2]

*Margaret A. O'Loughlin, M. S., *Prof. Home Econ.*
*Hildure E. Anderson, M. S., *Asst. Prof. Home Econ.*
†Mary L. Greenwood, M. A., *Research Specialist in Home Econ.*
*Florence E. Young, M. A., *Instr. Home Econ.*

Horticulture:

Director Garcia *in charge.*
†A. B. Fite, M. S., *Assoc. Hort.*
*J. W. Rigney, B. S., *Asst. Prof. Hort.*
‡H. C. Stewart, B. S., *Ext. Hort.*

Poultry Husbandry:

*†L. N. Berry, B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡W. M. Ginn, M. S., *Ext. Poultryman.*

Miscellaneous:

*†Lottie S. Peters, A. B., B. L. E., *Libr.*

Substations:

Tucumcari Field Sta., *P. O., Tucumcari*—
D. R. Burnham, B. S., *Supt. and Assoc. Agron. (Coop. U. S. D. A.).*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] Courses given in School of General Science.

NEW YORK

New York State Colleges of Agriculture and Home Economics, and the Agricultural Experiment Station at Cornell University,[1] *Ithaca*

*College faculty. †Station staff. ‡Extension staff.

*Livingston Farrand, M. D., L. H. D., LL. D., *President of University.*
*A. R. Mann, A. M., D. Sc., D. Agr., LL. D., *Provost of University.*
*†C. E. Ladd, Ph. D., *Dean Colleges of Agr. and Home Econ., Dir. of Station.*
*Cornelius Betten, Ph. D., D. Sc., *Dir. of Resident Instruction.*
*†Flora Rose, M. A., D. Ped., *Dir. Coll. of Home Econ.*
‡L. R. Simons, B. S., *Dir. of Extension.*

Agronomy:

*†T. L. Lyon, Ph. D., *Prof. Soil Tech. and Head of Dept.*
‡J. H. Barron, B. S., *Ext. Prof. Field Crops.*
*†J. A. Bizzell, Ph. D., *Prof. Soil Tech.*
*H. O. Buckman, Ph. D., *Prof. Soil Tech.*
†Leah English, B. S., *Analyst in Agron.*
*†A. F. Gustafson, Ph. D., *Prof. Soil Tech.*
*H. B. Hartwig, M. S., *Asst. Prof. Field Crops.*
*†F. B. Howe, M. S., *Asst. Prof. Soil Tech.; Soil Surveyor.*
†D. B. Johnstone-Wallace, M. S., *Agrostologist.*
*A. C. King, B. S., *Prof. Farm Pract. and Farm Superintendence.*
†E. W. Leland, B. S., *Experimentalist in Soil Tech.*
*R. A. Mordoff, Ph. D., *Prof. Met.*
†C. S. Pearson, B. S., *Asst. Soil Surveyor.*
†W. M. Phipps, M. S., *Analyst.*
*†L. G. Romell, Ph. D., *Prof. For. Soils.*
‡G. H. Serviss, M. S., *Ext. Asst. Prof. Field Crops.*
*†E. V. Staker, Ph. D., *Asst. Prof. Soil Tech.*
‡Ernest Van Alstine, Ph. D., *Ext. Prof. Soil Tech.*
*†B. D. Wilson, Ph. D., *Prof. Soil Tech.*
*†J. K. Wilson, Ph. D., *Prof. Soil Tech.; Soil Bact.*
*‡E. L. Worthen, M. S., *Ext. Prof. Soil Tech.*

Animal Husbandry:

*††F. B. Morrison, B. S., *Prof. and Head of Dept.*
*†S. A. Asdell, Ph. D., *Asst. Prof. An. Husb.*
‡C. G. Bradt, B. S., *Ext. Asst. Prof. An. Husb.*
‡S. J. Brownell, M. Agr., M. S., *Ext. Asst. Prof. An. Husb.*
‡W. T. Crandall, M. S., *Ext. Asst. Prof. An. Husb.*
†C. H. Crawford, Ph. D., *Asst. in An. Husb.*
†Mary F. Crowell, A. B., *Asst. in An. Husb.*
‡W. T. Grams, B. S., *Ext. Instr. An. Husb.*
*†M. W. Harper, M. S., *Prof. An. Husb.*
*†E. S. Harrison, Ph. D., *Asst. Prof. An. Husb.*
*†R. B. Hinman, Ph. D., *Asst. Prof. An. Husb.*
‡H. A. Hopper, M. S., *Ext. Prof. An. Husb.*
*†L. A. Maynard, Ph. D., *Prof. An. Husb.; An. Nutr.*
*†C. M. McCay, Ph. D., *Prof. An. Husb.*
†H. J. Metzger, D. V. M., *Asst. in An. Husb.*
†J. I. Miller, M. S., *Asst. in An. Husb.*
*†G. W. Salisbury, Ph. D., *Instr. An. Husb.*

Animal Husbandry—Continued.

*†E. S. Savage, Ph. D., D. Sc. *Prof. An. Husb.; An. Nutr.*
*†C. D. Schutt, *Instr. An. Husb.*
‡G. W. Tailby, B. S., *Ext. Instr. An. Husb.*
‡K. L. Turk, M. S., *Ext. Instr. An. Husb.*
‡H. A. Willman, M. S., *Ext. Instr. An. Husb.*
*†J. P. Willman, Ph. D., *Asst. Prof. An. Husb.*
†S. H. Work, Ph. D., *Asst. An. Husb.*

Botany:

*K. M. Wiegand, Ph. D., *Prof. and Head of Dept.*
†S. H. Burnham, B. S., *Asst. Curator.*
*†D. G. Clark, B. S., *Sci. Asst. in Bot.*
*Mrs. Helen H. Craig, M. S., *Asst. in Bot.*
*†O. F. Curtis, Ph. D., *Prof. Bot.; Plant Physiol.*
*Marion L. Dawson, M. S., *Instr. Bot.*
*A. J. Eames, Ph. D., *Prof. Bot.*
*†E. F. Hopkins, Ph. D., *Asst. Prof. Bot.*
*†Lewis Knudson, Ph. D., *Prof. Bot.; Plant Physiol.*
*R. A. Laubengayer, Ph. D., *Instr. Bot.*
*††W. C. Muenscher, Ph. D., *Asst. Prof. Bot.*
*E. M. Palmquist, M. S., *Instr. Bot.*
*L. C. Petry, Ph. D., *Prof. Bot.*
*Ruth A. Petry, A. B., *Asst. in Bot.*
†L. F. Randolph, Ph. D., *Assoc. in Cytology (Coop. U. S. D. A.).*
*†Donald Reddick, Ph. D., *Prof. Plant Path.*
*†L. W. Sharp, Ph. D., D. Sc., *Prof. Bot.; Cytology.*

Chemistry (Agr.):

*G. W. Cavanaugh, B. S., *Prof. Agr. Chem.*

Dairy Industry:

*†J. M. Sherman, Ph. D., *Prof. and Head of Dept.*
*W. E. Ayres, *Asst. Prof. Dairy Indus.*
‡H. J. Brueckner, Ph. D., *Ext. Asst. Prof. Dairy Indus.*
*M. J. Foter, Ph. D., *Instr. Dairy Bact.*
*†E. S. Guthrie, Ph. D., *Prof. Dairy Indus.*
*B. L. Herrington, Ph. D., *Asst. Prof. Dairy Chem.*
*†G. A. Knaysi, Ph. D., *Asst. Prof. Dairy Bact.*
*†Otto Rahn, Ph. D., *Prof. Bact.*
*A. H. Rishoi, M. S., *Instr. Dairy Chem.*
*†H. E. Ross, M. S., *Prof. Dairy Indus.*
*†P. F. Sharp, Ph. D., *Prof. Dairy Chem.*
*†C. N. Stark, Ph. D., *Prof. Dairy Bact.*
*†Mrs. Pauline W. Stark, M. S., *Instr. Bact.*

[1] All members of the college faculty do experimental work as required, retaining their academic titles.

Dairy Industry—Continued.

*E. B. Struble, M. S., *Instr. Dairy Chem.*
*H. C. Troy, B. S., *Prof. Dairy Indus.*
*E. S. Yawger, Jr., B. S., *Instr. Dairy Bact.*

Drawing (Agr.):

*W. C. Baker, B. S., *Prof. Drawing.*
*Clara L. Garrett, B. S., *Asst. Prof. Drawing.*
*J. E. Reyna, E. E., M. A., *Asst. Prof. Drawing.*

Economics (Agr.) and Farm Management:

*†G. F. Warren, Ph. D., *Prof. and Head of Dept.*
‡M. C. Bond, Ph. D., *Ext. Prof. Mktg.*
*J. E. Boyle, Ph. D., *Prof. Rural Econ.*
*†M. P. Catherwood, Ph. D., *Asst. Prof. Business Mgt.*
‡L. C. Cunningham, M. S., *Ext. Asst. Prof. Farm Mgt.*
†W. M. Curtiss, B. S., *Asst. in Business Mgt.*
‡P. J. Findlen, B. S., *Ext. Asst. in Mktg.*
‡F. A. Harper, Ph. D., *Ext. Asst. Prof. Mktg.*
‡V. B. Hart, Ph. D., *Ext. Prof. Farm Mgt.*
‡G. W. Hedlund, B. S., *Ext. Instr. Mktg.*
*†F. F. Hill,[1] Ph. D., *Prof. Land Econ.*
‡Kenneth Hood, B. S., *Ext. Instr. Mktg.*
*†M. S. Kendrick, Ph. D., *Asst. Prof. Rural Econ.*
*T. E. LaMont, Ph. D., *Asst. Prof. Farm Mgt.*
*G. N. Lauman, B. S., *Prof. Rural Econ.*
*†E. G. Misner, Ph. D., *Prof. Farm Mgt.*
*†W. I. Myers,[1] Ph. D., *Prof. Farm Finance.*
*†F. A. Pearson, Ph. D., *Prof. Prices and Statistics.*
*†Whiton Powell, Ph. D., *Prof. Business Mgt.*
*†M. P. Rasmussen, Ph. D., *Prof. Mktg.*
*†G. P. Scoville, M. A., *Prof. Farm Mgt.*
*†Leland Spencer, Ph. D., *Prof. Mktg. (Coop. U. S. D. A.).*
*A. H. Treman, A. B., LL. B., *Lect. in Business Law.*
‡H. R. Varney, M. S., *Ext. Asst. in Farm Mgt.*
*†S. W. Warren, Ph. D., *Asst. Prof. Farm Mgt.*
‡P. S. Williamson, Ph. D., *Ext. Instr. Farm Mgt.*

Editorial—See **Publication.**

Education (Rural):

*J. E. Butterworth, Ph. D., *Prof. and Head of Dept.*
*T. L. Bayne, Jr., Ph. D., *Asst. Prof. Rural Ed.*
*Cora E. Binzel, M. A., *Prof. Rural Ed.*
*Ethel L. Cowles, B. S., *Instr. Rural Ed.*
*T. H. Eaton, Ph. D., *Prof. Rural Ed.*
*E. N. Ferriss, Ph. D., *Prof. Rural Ed.*
*L. Pearl Gardner, Ph. D., *Instr. Rural Ed.*
*Mabel A. Hastie, B. S., *Instr. Rural Ed.*
*E. R. Hoskins, Ph. D., *Asst. Prof. Rural Ed.*
*M. L. Hulse, Ph. D., *Instr. Rural Ed.*
*P. J. Kruse, Ph. D., *Prof. Rural Ed.*

Education (Rural)—Continued.

*Frances Markey, M. A., *Instr. Rural Ed.*
*C. B. Moore, Ph. D., *Prof. Rural Ed.*
*L. F. Packer, B. S., *Instr. Rural Ed.*
*E. L. Palmer, Ph. D., *Prof. Rural Ed.*
*R. M. Stewart, Ph. D., *Prof. Rural Ed.*
*Elizabeth M. Waters, M. S., *Instr. Rural Ed.*
*A. L. Winsor, Ph. D., *Asst. Prof. Rural Ed.*

Engineering (Agr.):

*†‡H. W. Riley, M. E., *Prof. and Head of Dept.*
‡E. L. Arnold, B. S., *Ext. Instr. Agr. Engin.*
*†F. L. Fairbanks, M. E., *Prof. Agr. Engin.*
‡A. M. Goodman, B. S., *Ext. Prof. Agr. Engin.*
‡B. A. Jennings, B. S., *Ext. Asst. Prof. Agr. Engin.*
*J. C. McCurdy, B. S., C. E., *Prof. Agr. Engin.*
*J. J. Pellett, M. E., *Instr. Agr. Engin.*
‡H. S. Pringle, B. S., *Ext. Instr. Agr. Engin.*
*F. H. Randolph, B. A., M. E., *Prof. Institutional Engin.*
*‡B. B. Robb, M. S., *Prof. Agr. Engin.*
*L. M. Roehl, B. S., *Prof. Farm Mech.*
*C. I. Sayles, B. S., *Instr. Institutional Engin.*
*F. B. Wright, Ph. D., *Asst. Prof. Agr. Engin.*

Entomology and Limnology:

*†J. G. Needham, Ph. D., Litt. D., D. Sc., *Prof. and Head of Dept.*
*†‡A. A. Allen, Ph. D., *Prof. Ornith.*
*†P. P. Babiy, Ph. D., *Instr. Ent. and Curator Invertebrate Zool.*
‡W. E. Blauvelt, Ph. D., *Ext. Instr. Ent.*
*†J. C. Bradley, Ph. D., *Prof. Ent. and Curator Invertebrate Zool. and Ent.*
*F. H. Butt, M. A., *Instr. Ent.*
*†P. W. Claassen, Ph. D., *Prof. Biol.*
‡C. R. Crosby, A. B., *Ext. Prof. Ent.*
*†G. C. Embody, Ph. D., D. Sc., *Prof. Aquiculture.*
†W. T. M. Forbes, Ph. D., *Instr. Ent.*
†Grace H. Griswold, Ph. D., *Instr. Ent.*
*W. J. Hamilton, Jr., Ph. D., *Instr. Zool.*
*†G. W. Herrick, B. S., *Prof. Econ. Ent.; Ent.*
*†O. A. Johannsen, Ph. D., *Prof. Ent.*
*P. P. Kellogg, B. S., *Instr. Ornith.*
*†G. F. MacLeod, Ph. D., *Asst. Prof. Econ. Ent.*
*†Robert Matheson, Ph. D., *Prof. Econ. Ent.*
*F. R. Nevin, Ph. D., *Instr. Biol.*
*C. E. Palm, B. A., *Instr. Ent.*
*V. S. L. Pate, A. B., *Instr. Ent.*
*†E. F. Phillips, Ph. D., D. Sc., *Prof. Apiculture.*
‡G. H. Rea, *Ext. Asst. Prof. Apiculture.*
†P. A. Readio, Ph. D., *Asst. Prof. Ent. (P. O., Yonkers).*
*W. D. Sargent, M. S., *Instr. Limnology.*
*F. R. Shaw, B. S., *Instr. Ent.*
*G. M. Sutton, Ph. D., *Asst. in Ornith.*
*J. R. Traver, Ph. D., *Instr. Ent.*
*A. H. Wright, Ph. D., *Prof. Zool.*

Extension (Admin.):[2]

Director Simons *in charge.*
‡E. A. Flansburgh, B. S., *County Agt. Leader.*
‡Mrs. Ruby G. Smith, Ph. D., *State Leader Home Dem. Agts.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.

‡E. A. Bates, M. D., *Adviser in Indian Ext.*
‡Dorothy C. DeLany, M. S., *Asst. State Leader Junior Ext.*
‡Mrs. Martha H. Eddy, A. B., *Asst. State Leader Home Dem. Agts.*
*G. A. Everett, A. B., LL. B., *Prof. Ext. Teaching.*
‡F. E. Heinzelman, B. S., *Asst. State Leader Junior Ext.*
‡Albert Hoefer, B. S., *Asst. State Leader Junior Ext.*
‡L. D. Kelsey, B. S., *Asst. County Agt. Leader.*
‡F. B. Morris, B. S., *Asst. County Agt. Leader.*
‡Caroline Morton, M. A., *Asst. State Leader Home Dem. Agts.*
‡L. A. Muckle, B. S., *Asst. County Agt. Leader.*
*G. E. Peabody, M. S., *Asst. Prof. Ext. Teaching.*
‡Montgomery Robinson, Litt. B., B. S., *Prof. in Ext. Service.*
‡C. A. Taylor, B. S., *Prof. in Ext. Service.*
*‡R. H. Wheeler, B. S., *Prof. in Ext. Service.*
‡W. J. Wright, M. S., *Prof. in Ext. Service and State Leader Junior Ext.*

Forestry:

*R. S. Hosmer, B. A. S., M. F., *Prof. and Head of Dept.*
*F. K. Beyer, M. S., *Instr. For.*
‡J. A. Cope, B. S., M. F., *Ext. Asst. Prof. For.*
‡J. E. Davis, M. F., *Ext. Instr. For.*
*C. H. Guise, B. S., M. F., *Prof. For. Mgt.*
*J. D. Pond, B. S., M. F., *Instr. For.*
*A. B. Recknagel, B. A., M. F., *Prof. For. Mgt. and Utilization.*
†J. N. Spaeth, M. F., Ph. D., *Asst. Prof. For.*

Home Economics:

*†Flora Rose, M. A., D. Ped., *Dir. of Coll. and Prof. Home Econ.*
*Beulah Blackmore, B. S., *Prof. Home Econ. and Head Dept. of Textiles and Clothing.*
*†Helen Canon, Ph. D., *Prof. Home Econ. and Head Dept. Econ. of the Household and Household Mgt.*
*Marie B. Fowler, M. A., *Prof. Home Econ. and Head of Nursery School.*
*Katherine W. Harris, B. S., *Prof. Home Econ., Mgr. of Cafeteria and Head Dept. of Institution Mgt.*
*H. B. Meek, Ph. D., *Prof. Hotel Mgt. and Head Dept. of Hotel Admin.*
*†Helen Monsch, M. A., *Prof. Home Econ. and Head Dept. of Foods and Nutr.*
*Grace E. Morin, M. A., *Prof. Home Econ. and Head Dept. of Household Art.*
*Mrs. Emily M. Allen, M. A., *Instr. Home Econ.* (*Foods and Nutr.*).
‡Lorna Barber, B. S., *Ext. Asst. Prof. Home Econ.* (*Foods and Nutr.*).
*Mrs. Jane B. Bates, Ph. B., *Instr. Home Econ.* (*Family Life*).
*Gertrude W. Betten, B. S., *Instr. Home Econ. and Asst. Mgr. of Cafeteria.*
*Mrs. Myrtle S. Betten, *Instr. Home Econ.* (*Clothing*).
*†Mrs. Rachael S. Bizal, M. S., *Instr. Home Econ.* (*Foods and Nutr.*).
*Mrs. Jessie A. Boys, M. S., *Asst. Prof. Home Econ.* (*Foods and Nutr.*).
*Muriel Brasie, M. A., *Asst. Prof. Home Econ.* (*Clothing*).

Home Economics—Continued.

‡Charlotte W. Brenan, M. A., *Ext. Instr. Home Econ.* (*Household Art*).
*Frances A. Brookins, *Instr. Home Econ.* (*Clothing*).
*Olga P. Brucher, M. A., *Asst. Prof. Home Econ.* (*Foods and Nutr.*).
*Mrs. Helen Bull, M. D., *Prof. Home Econ.* (*Child Hyg.*).
*Alice M. Burgoin, M. S., *Instr. Home Econ. and Asst. Mgr. of Cafeteria* (*Institution Mgt.*).
‡Mrs. Gladys L. Butt, B. S., *Ext. Instr. Home Econ.* (*Clothing*).
‡Mildred Carney, M. A., *Ext. Asst. Prof. Home Econ.* (*Clothing*).
*C. E. Cladel, B. S., *Instr. Hotel Admin.* (*Accounting*).
‡Frances Clinton, M. S., *Ext. Instr. Home Econ.* (*Foods and Nutr.*).
*John Courtney, M. S., *Asst. Prof. Hotel Admin.* (*Accounting*).
‡Mary E. Cushman, M. S., *Ext. Instr. Home Econ.* (*Household Mgt.*).
*Mrs. Dora W. Erway, *Asst. Prof. Home Econ.* (*Household Art*).
*Faith Fenton, M. S., *Asst. Prof. Home Econ.* (*Foods and Nutr.*).
*†Marion Fish, Ph. D., *Asst. Prof. Home Econ.* (*Household Mgt.*).
*Mrs. Marguerite K. Harper, M. S., *Instr. Home Econ.* (*Foods and Nutr.*).
*†Hazel M. Hauck, Ph. D., *Asst. Prof. Home Econ.* (*Foods and Nutr.*).
‡Grace M. Henderson, M. A., *Ext. Instr. Home Econ.* (*Clothing*).
*†Mary F. Henry, M. A., *Prof. Home Econ.* (*Foods and Nutr.*), *and Asst. to Dir.*
*Margaret L. Humphrey, M. A., *Instr. Home Econ.* (*Clothing*).
*†Kurt Lewin, Ph. D., *Actg. Prof. Ed.*
*Mrs. Caroline B. McIlroy, *Instr. Home Econ.* (*Clothing*).
*Mrs. Lois F. Meek, B. S., *Instr. Hotel Admin.*
*†Day Monroe, Ph. D., *Prof. Home Econ.* (*Household Mgt.*).
‡Margaret C. Morehouse, B. S., *Ext. Instr. Home Econ.* (*Clothing*).
†Mrs. Nancy B. Morey, Ph. D., *Asst. in Home Econ.*
‡Mrs. Emma D. Nevin, M. A., *Ext. Instr. Home Econ.* (*Clothing*).
*Catherine J. Personius, M. A., *Instr. Home Econ.* (*Foods and Nutr.*).
*†Marion C. Pfund, Ph. D., *Asst. Prof. Home Econ.* (*Foods and Nutr.*).
*Katharine Reeves, B. A., *Asst. Prof. Home Econ.* (*Family Life*).
‡Mrs. Nancy M. Roman, M. A., *Ext. Prof. Home Econ.*
*Mrs. Dorothy F. Sayles, B. S., *Instr. Hotel Admin.*
*Doris Schumaker, A. M., *Actg. Prof. Home Econ.*
*Mrs. Alma F. Scidmore, *Asst. Prof. Home Econ.* (*Household Art*).
*Ruth J. Scott, B. S., *Asst. Prof. Home Econ.* (*Clothing*).
‡Lillian Shaben, B. S., *Ext. Asst. Prof. Home. Econ.* (*Foods and Nutr.*).
‡Mrs. Kathleen H. Small, *Asst. Editor in Home Econ.*
*Emmajean Stephens, *Instr. Home Econ.* (*Econ. of the Household and Household Mgt.*).
*Mrs. Mary L. Thomas, M. S., *Instr. Home Econ.* (*Household Mgt.*).
*Louis Toth, C. P. A., *Asst. Prof. Hotel Admin.* (*Accounting*).
*A. H. Treman, A. B., LL. B., *Instr. Hotel Admin.* (*Business Law*).
*†Mrs. Ethel B. Waring, Ph. D., *Prof. Home Econ.* (*Family Life*).

Home Economics—Continued.

‡Mrs. Lucille J. Williamson, Ph. D., *Actg. Ext. Asst. Prof. Home Econ. (Econ. of the Household and Household Mgt.).*

‡Florence E. Wright, M. S., *Ext. Asst. Prof. Home Econ. (Household Art).*

‡Margaret Wylie, Ph. D., *Ext. Prof. Home Econ. (Family Life).*

Horticulture and Allied Branches:

*†E. A. White, B. S., *Prof. and Head Dept. of Flor. and Ornamental Hort.*

*††‡H. C. Thompson, Ph. D., *Prof. and Head Dept. of Veg. Crops.*

*†A. J. Heinicke, Ph. D., *Prof. and Head Dept. of Pomol.*

*R. C. Allen, B. S., *Instr. Flor.*

‡D. J. Bushey, B. S., M. L. D., *Ext. Asst. Prof. Ornamental Hort.*

*†D. B. Carrick, Ph. D., *Prof. Pomol.*

*R. W. Curtis, M. S., *Prof. Ornamental Hort.*

*J. A. DeFrance, Ph. D., *Instr. Ornamental Hort.*

*††‡E. V. Hardenburg, Ph. D., *Prof. Veg. Crops.*

†J. D. Hartman, Ph. D., *Research Instr. Veg. Crops (P. O., Riverhead).*

‡M. B. Hoffman, Ph. D., *Ext. Asst. Prof. Pomol.*

*†C. J. Hunn, B. S., *Asst. Prof. Ornamental Hort.*

*C. G. Keyes, M. S., *Instr. Flor. and Ornamental Hort.*

*†J. E. Knott, Ph. D., *Prof. Veg. Crops.*

*†L. H. MacDaniels, Ph. D., *Prof. Pomol.*

*Lua A. Minns, M. S., *Asst. Prof. Flor.*

‡Joseph Oskamp, B. S., *Ext. Prof. Pomol.*

*†Hans Platenius, Ph. D., *Instr. Veg. Crops.*

*J. P. Porter, M. S., M. L. D., *Actg. Prof. Ornamental Hort.*

*Kenneth Post, M. S., *Instr. Flor.*

‡A. J. Pratt, Ph. D., *Ext. Instr. Veg. Crops.*

*†A. M. S. Pridham, Ph. D., *Instr. Flor.*

‡G. J. Raleigh, Ph. D., *Ext. Asst. Prof. Veg. Crops.*

‡C. B. Raymond, B. S., *Ext. Asst. Prof. Veg. Crops.*

*H. T. Skinner, *Propagator in Ornamental Hort.*

‡Lucile G. Smith, B. S., *Ext. Instr. Flor. and Ornamental Hort.*

*††‡Ora Smith, Ph. D., *Asst. Prof. Veg. Crops.*

†P. H. Wessels, M. S., *Prof. Veg. Crops (P. O., Riverhead).*

*††Paul Work, Ph. D., *Prof. Veg. Crops.*

*†Donald Wyman, M. S., *Instr. Ornamental Hort.*

Plant Breeding:

*†R. A. Emerson, D. Sc., *Prof. and Head of Dept.*

*‡F. P. Bussell, Ph. D., *Prof. Plant Brdg.*

†W. T. Craig, *Experimentalist in Plant Brdg. (Coop. U. S. D. A.).*

*†Ernest Dorsey, Ph. D., *Instr. Plant Brdg. (Coop. U. S. D. A.).*

†W. I. Fisher, *Experimentalist in Plant Brdg.*

*†A. C. Fraser, Ph. D., *Prof. Plant Brdg.*

†J. R. Livermore, Ph. D., *Asst. Prof. Plant Brdg.*

*††H. H. Love, Ph. D., *Prof. Plant Brdg.*

*††C. H. Myers, Ph. D., *Prof. Plant Brdg.*

Plant Breeding—Continued.

†M. M. Rhoades, Ph. D., *Experimentalist in Plant Brdg.*

†Carl Scott, A. B., *Experimentalist in Plant Brdg.*

‡W. D. Swope, M. S., *Ext. Instr. Plant Brdg.*

*†R. G. Wiggans, Ph. D., *Prof. Plant Brdg.*

Plant Pathology:

*†L. M. Massey, Ph. D., *Prof. and Head of Dept.*

‡M. F. Barrus,[1] Ph. D., *Ext. Prof. Plant Path.*

†F. M. Blodgett, Ph. D., *Asst. Prof. Plant Path.*

†O. D. Burke, B. S. E., *Asst. in Plant Path.*

†W. H. Burkholder, Ph. D., *Prof. Plant Path.*

†A. B. Burrell, Ph. D., *Asst. Prof. Plant Path.*

‡Charles Chupp, Ph. D., *Ext. Prof. Plant Path.*

‡K. H. Fernow, Ph. D., *Ext. Asst. Prof. Plant Path.*

*†H. M. Fitzpatrick, Ph. D., *Prof. Plant Path.*

*†C. E. F. Guterman, Ph. D., *Asst. Prof. Plant Path.*

†E. M. Hildebrand, Ph. D., *Asst. Prof. Plant Path.*

†E. O. Mader, B. S., *Asst. in Plant Path.*

†R. B. McCormack, B. S., *Asst. in Plant Path.*

‡W. D. Mills, Ph. D., *Ext. Asst. Prof. Plant Path.*

*†A. G. Newhall, Ph. D., *Asst. Prof. Plant Path.*

†K. G. Parker, Ph. D., *Asst. Prof. Plant Path.*

††‡P. P. Pirone, Ph. D., *Asst. Prof. Plant Path.*

*H. W. Rankin, M. S., *Instr. Plant Path.*

†C. F. Taylor, B. S., *Asst. in Plant Path.*

*†D. S. Welch, Ph. D., *Asst. Prof. Plant Path.*

*†H. H. Whetzel, M. A., D. Sc., *Prof. Plant Path.*

Poultry Husbandry:

*†F. B. Hutt, Ph. D., *Prof. and Head of Dept.*

*‡H. E. Botsford, B. S., *Ext. Prof. Poultry Husb.*

*†J. H. Bruckner, B. S., *Instr. Poultry Husb.*

*†B. R. Davisson, B. S., *Instr. Poultry Husb.*

*†G. O. Hall, Ph. D., *Asst. Prof. Poultry Husb.*

*†G. F. Heuser, Ph. D., *Prof. Poultry Husb.*

‡L. M. Hurd, *Ext. Instr. Poultry Husb.*

*†L. C. Norris, Ph. D., *Research Asst. Prof. Poultry Husb.*

‡R. C. Ogle, *Ext. Instr. Poultry Husb. and Supt. Egg-Laying Tests.*

*†A. T. Ringrose, B. S., *Instr. Poultry Husb.*

*†A. L. Romanoff, Ph. D., *Asst. Prof. Poultry Husb.*

‡E. Y. Smith, B. S., *Ext. Instr. Poultry Husb.*

*†Alfred Van Wagenen, B. S., *Instr. Poultry Husb.*

‡L. E. Weaver, B. S., *Ext. Asst. Prof. Poultry Husb.*

†H. S. Wilgus, Jr., Ph. D., *Invest. in Poultry Husb.*

[1] On leave.

Publication:

*‡Bristow Adams, B. A., *Prof. in Ext. Service, Editor and Chief of Pubs.*
‡G. S. Butts, B. S., *Asst. Prof. in Ext. Service and Supvr. Study Courses.*
‡Dorothy Chase, B. S., *Asst. in Editorial Office.*
†Lela G. Gross, *Asst. Editor of Pubs.*
‡Nellie B. Leonard, B. A., *Asst. Editor of Pubs.*

Rural Social Organization:

*†‡E. D. Sanderson, Ph. D., *Prof. and Head of Dept.*
*†W. A. Anderson, Ph. D., *Asst. Prof. Rural Social Organ.; Rural Sociol.*
*†H. W. Beers, M. S., *Instr. Rural Social Organ.*
‡Mary E. Duthie, B. S., *Ext. Asst. Prof. Rural Social Organ.*
*†‡R. A. Polson, Ph. D., *Asst. Prof. Rural Social Organ.*

New York State Agricultural Experiment Station, *Geneva*

†Station staff.

†U. P. Hedrick, Sc. D., *Director.*

Bacteriology:

†R. S. Breed, Ph. D., *Chief in Research (Bact.).*
†H. J. Conn, Ph. D., *Chief in Research (Bact.).*
†G. J. Hucker, Ph. D., *Chief in Research (Bact.).*
†C. S. Pederson, Ph. D., *Chief in Research (Bact.).*
†Mary N. Covert, B. S., *Technician (Bact.).*
†A. W. Hofer, M. S., *Asst. in Research (Bact.).*
†M. W. Yale, Ph. D., *Assoc. in Research (Bact.).*

Botany:

†F. C. Stewart, M. S., *Chief in Research (Bot.).*
†M. T. Munn, M. S., *Chief in Research (Bot.).*
†L. M. Cooley, M. S., *Assoc. in Research (Plant Path.).*
†W. F. Crosier, Ph. D., *Asst. in Research (Bot.).*
†H. S. Cunningham, Ph. D., *Assoc. in Research (Plant Path.: P. O., Riverhead, L. I.).*
†W. O. Glover, M. A., *Assoc. in Research (Plant Path.).*
†J. M. Hamilton, Ph. D., *Assoc. in Research (Plant Path.).*
†J. G. Horsfall, Ph. D., *Assoc. in Research (Plant Path.).*
†W. H. Rankin, Ph. D., *Assoc. in Research (Plant Path.).*
†A. L. Shuck, Ph. D., *Assoc. in Research (Bot.).*
†Mary E. Woodbridge, M. S., *Asst. in Research (Bot.).*

Chemistry:

†D. K. Tressler, Ph. D., *Chief in Research (Chem.).*
†A. W. Clark, B. S., *Chief in Research (Chem.).*
†Z. I. Kertesz, Ph. D., *Assoc. in Research (Chem.).*
†F. J. Kokoski, B. S., *Asst. in Research (Chem.).*
†F. E. Lovelace, A. B., *Asst. in Research (Chem.).*
†G. L. Mack, Ph. D., *Assoc. in Research (Chem.).*
†G. W. Pearce, M. S., *Asst. in Research (Chem.).*
†E. C. Smith, M. S., *Asst. in Research (Chem.).*
†W. F. Walsh, B. S., *Assoc. in Research (Chem.).*
†C. O. Willits, Ph. D., *Asst. in Research (Chem.).*

Dairying:

†A. C. Dahlberg, Ph. D., *Chief in Research (Dairying).*
†D. C. Carpenter, Ph. D., *Chief in Research (Dairy Chem.).*

Dairying—Continued.

†H. L. Durham, *Dairy Tech.*
†J. C. Hening, M. S., *Assoc. in Research (Dairying).*
†J. J. Kucera, Ph. D., *Asst. in Research (Dairy Chem.).*
†J. C. Marquardt, M. S., *Assoc. in Research (Dairying).*

Editorial:

†J. D. Luckett, M. S., *Editor.*
†Mrs. Rachel E. Hening, B. A., *Asst. Editor.*

Entomology:

†P. J. Parrott, M. A., *Chief in Research (Ent.) and Vice Dir. of Sta.*
†Hugh Glasgow, Ph. D., *Chief in Research (Ent.).*
†P. J. Chapman, Ph. D., *Chief in Research (Ent.).*
†J. A. Cox, M. S., *Asst. in Research (Ent.).*
†D. M. Daniel, Ph. D., *Assoc. in Research (Ent.).*
†F. L. Gambrell, Ph. D., *Asst. in Research (Ent.).*
†O. H. Hammer, B. A., *Asst. in Research (Ent.).*
†S. W. Harman, M. S., *Assoc. in Research (Ent.).*
†F. Z. Hartzell, M. A., *Assoc. in Research (Ent.).*
†G. E. R. Hervey, Ph. D., *Assoc. in Research (Ent.).*
†H. C. Huckett, Ph. D., *Assoc. in Research (Ent.: P. O., Riverhead, L. I.).*
†F. G. Mundinger, M. S., *Assoc. in Research (Ent.: P. O., Poughkeepsie).*

Pomology:

†Richard Wellington, M. S., *Chief in Research (Pomol.).*
†H. B. Tukey, Ph. D., *Chief in Research (Pomol.).*
†R. C. Collison, M. S., *Chief in Research (Pomol.).*
†L. C. Anderson, B. S., *Assoc. in Research (Pomol.; P. O., Hudson).*
†H. G. Beattie, B. S., *Assoc. in Research (Soil Chem.).*
†K. D. Brase, *Asst. in Research (Pomol.).*
†Olav Einset, M. S., *Asst. in Research (Pomol.).*
†F. E. Gladwin, B. S., *Assoc. in Research (Pomol.; P. O., Fredonia).*
†J. D. Harlan, B. S., *Asst. in Research (Pomol.).*
†G. H. Howe, B. S., *Assoc. in Research (Pomol.).*
†B. R. Nebel, Ph. D., *Assoc. in Research (Pomol.).*
†G. L. Slate, M. S., *Assoc. in Research (Pomol.).*
†L. M. van Alstyne, B. S., *Asst. in Research (Pomol.).*

Pomology—Continued.

†G. P. Van Eseltine, A. B., *Assoc. in Research (Pomol.).*

Vegetable Crops:

†C. B. Sayre, M. S., *Chief in Research (Veg. Crops).*
†W. D. Enzie, B. S., *Assoc. in Research (Veg. Crops).*
†R. R. Jenkins, M. S., *Asst. in Research (Veg. Crops).*

Vegetable Crops—Continued.

†W. T. Tapley, M. S., *Assoc. in Research (Veg. Crops).*
†P. V. Traphagen, *Asst. in Research (Veg. Crops).*

Miscellaneous:

†P. H. Corcoran, *Agr.*
†H. O. Jahn, *Florist.*
†J. S. Lawson, Phar. B., *Museum Preparator.*
†Majorie B. Rogers, *Libr.*

NORTH CAROLINA

North Carolina State College of Agriculture and Engineering and the Agricultural Experiment Station of the University of North Carolina, *State College Station, Raleigh*

*College faculty. †Station staff. ‡Extension staff.

*F. P. Graham, LL. D., D. C. L., D. Litt., *President of University (P. O., Chapel Hill).*
*J. W. Harrelson, M. E., *Dean of Admin.*
†R. Y. Winters, Ph. D., *Dir. of Sta.*
*‡I. O. Schaub, B. S., *Dean School of Agr. and For., Dir. of Ext. Service.*
*Z. P. Metcalf, D. Sc., *Dir. of Instruction.*

Agronomy:

*†‡C. B. Williams, M. S., *Head of Dept.*
†F. O. Bartel, C. E., *Drainage Engin. (Coop. U. S. D. A.).*
‡E. C. Blair, B. S., *Ext. Agron.*
*C. B. Clevenger, Ph. D., *Actg. Prof. Soils.*
*J. B. Cotner, Ph. D., *Prof. Plant Brdg.*
*W. H. Darst, M. S., *Prof. Agron.*
†W. A. Davis, B. S., *Asst. in Soil Survey.*
‡E. Y. Floyd, B. S., *Tobacco Specialist.*
†E. F. Goldston, B. S., *Asst. in Soil Survey.*
†K. Y. Goodman, M. S., *Soil Survey (Coop. U. S. D. A.).*
†R. C. Jurney, A. M., *Asst. in Soil Survey (Coop. U. S. D. A.).*
†P. H. Kime, M. S., M. Agr., *Assoc. in Plant Brdg.*
*J. F. Lutz, Ph. D., *Asst. Prof. Soils.*
†H. B. Mann, Ph. D., *Agron. in Soil Fert.*
†G. K. Middleton, M. S., *Pure Seed Specialist.*
†J. T. Miller, A. B., *Soil Survey (Coop. U. S. D. A.).*
†J. H. Moore, M. S., *Cotton Tech.*
†S. O. Perkins, B. S., *Soil Survey (Coop. U. S. D. A.).*
†J. R. Piland, M. S., *Asst. Chem. in Soil Fert.*
†W. H. Rankin, M. S., *Agron. in Soil Fert.*
*H. F. Rhoades, M. A., *Asst. Prof. Soils.*
*‡D. S. Weaver, M. S., *Prof. Agr. Engin.*
†L. G. Willis, M. S., *Soil Chem.*

Animal Industry:

*†R. H. Ruffner, M. S., *Head of Dept. Prof. An. Husb. and Dairying.*
‡J. A. Arey, B. S., *Dairy Specialist.*
†G. S. Carter, *Dairy Herdsman.*
†‡L. I. Case, M. S., *An. Husb. Specialist (Coop. U. S. D. A.).*
*‡W. L. Clevenger, M. S., *Prof. Dairy Mfg.*
‡F. R. Farnham, *Dairy Specialist.*
*†J. E. Foster, M. S., *Instr. An. Husb.; Beef Cattle and Sheep Invest.*
*†C. D. Grinnells, D. V. M., M. S., *Assoc. Prof. Vet. Sci.; Dairy Invest.*
*F. M. Haig, M. S., *Assoc. Prof. An. Husb. and Dairying.*
†J. O. Halverson, Ph. D., *in charge An. Nutr. Research.*

Animal Industry—Continued.

*†E. H. Hostetler, M. S., M. Agr., *Prof. An. Husb.; in charge Beef Cattle, Sheep, and Swine Invest.*
‡A. C. Kimrey, A. B., *Asst. Dairy Specialist.*
*R. E. Nance, B. S., *Asst. Prof. An. Husb.*
‡W. W. Shay, *Swine Husb. Specialist.*
†F. W. Sherwood, Ph. D., *Assoc. in An. Nutr.*
†F. H. Smith, M. S., *Asst. in An. Nutr.*

Botany:

*†B. W. Wells, Ph. D., *Head of Dept.*
*†S. G. Lehman, Ph. D., *Prof. Plant Path.; Plant Path.*
*D. B. Anderson, Ph. D., *Assoc. Prof. Bot.*
*†R. F. Poole, Ph. D., *Prof. Plant Path.; Plant Path.*
*I. V. D. Shunk, Ph. D., *Assoc. Prof. Bot.*
*L. A. Whitford, M. S., *Asst. Prof. Bot.*

Chemistry:

*A. J. Wilson, Ph. D., *Head of Dept.*
*H. L. Caveness, A. M., *Asst. Prof. Chem.*
*A. D. Jones, M. A., *Asst. Prof. Chem.*
*W. E. Jordan, M. S., *Assoc. Prof. Chem.*
*E. E. Randolph, Ph. D., *Prof. Chem. Engin.*
*G. H. Satterfield, M. A., *Assoc. Prof. Biochem.*
*L. F. Williams, Ph. D., *Prof. Org. Chem.*

Economics (Agr.) and Rural Sociology:

*†G. W. Forster, Ph. D., *Head of Dept.*
‡J. F. Criswell, M. S., *Farm Mgt. Specialist.*
†R. E. L. Greene, M. S., *Asst. in Farm Mgt.*
*†C. H. Hamilton, Ph. D., *Assoc. Prof. and Assoc. in Rural Sociol.*
‡J. W. Johansen, M. S., *Ext. Econ. for Organ. and Credit.*
*†J. M. Maclachlan, A. M., *Asst. Prof. and Asst. in Agr. Econ.*
†G. R. Smith, M. S., *Asst. in Cotton Mktg. (Coop. U. S. D. A.).*

Editorial:

†‡F. H. Jeter, B. S., *Agr. Editor.*
‡A. O. Alford, *Asst. Agr. Editor.*
‡R. L. Klutz, *Asst. Editor.*

Education:
*T. E. Browne, M. A., *Dir. of Dept.*
*L. O. Armstrong, B. S., *Assoc. Prof. Ed.*
*E. W. Boshart, M. A., *Prof. Ed.*
*L. E. Cook, M. S., *Prof. Agr. Ed.*
*W. L. Mayer, M. S., *Prof. Ed.*
*M. F. Showalter, M. S., *Assoc. Prof. Ed.*

Entomology—See **Zoology.**

Extension (Admin.):[1]
Director Schaub *in charge.*
——— ———, *Asst. to Dir.*
‡Mrs. Jane S. McKimmon, M. S., LL. D., *Asst. Dir. and State Home Dem. Agt.*
‡L. R. Harrill, M. S., *State Club Leader.*
‡C. R. Hudson, M. S., *State Agt. in charge Negro Work.*

Forestry:
*J. V. Hofmann, M. F., Ph. D., *Head of Dept.*
‡R. W. Graeber, B. S., *Ext. For.*
*G. K. Slocum, M. S., *Asst. Prof. For.*
*Lenthall Wyman, A. B., M. F., *Prof. For.*

History (Agr.):
*H. T. Lefler, Ph. D., *Head of Dept.*

Home Economics:
‡Helen N. Estabrook, B. S., *Household and Home Mgt. Specialist.*
‡Willie N. Hunter, M. A., *Clothing Specialist.*
‡Mary E. Thomas, B. S., *Nutr. Specialist.*

Horticulture:
*†M. E. Gardner, B. S., *Head of Dept.*
†I. D. Jones, Ph. D., *Assoc. Hort. and Hort. Physiol.*
‡E. B. Morrow, M. S., *Ext. Hort.*
‡H. R. Niswonger, M. A., *Ext. Hort.*
*J. P. Pillsbury, B. S., *Prof. Landsc. Arch.*
*G. O. Randall, M. S., *Assoc. Prof. Hort.*
†Robert Schmidt, B. S., *Assoc. Hort.*
*J. G. Weaver, M. S., *Instr. Hort.*
†C. F. Williams, M. S., *Assoc. Hort.*

Physics:
*C. M. Heck, A. M., *Head of Dept.*
*J. B. Derieux, Ph. D., *Prof. Phys.*
*A. A. Dixon, Ph. D., *Assoc. Prof. Phys.*
*F. W. Lancaster, B. S., Ch. E., *Asst. Prof. Phys.*
*J. S. Meares, M. S., *Asst. Prof. Phys.*

Poultry Science:
*†‡R. S. Dearstyne, M. S., *Head of Dept.*
*H. C. Gauger, M. S., *Instr. Poultry Sci.*
*†R. E. Greaves, B. S., *Asst. Prof. and Assoc. in Poultry Sci.*

Poultry Science—Continued.
‡C. J. Maupin, M. S., *Asst. Poultry Specialist.*
‡C. F. Parrish, B. S., *Poultry Specialist.*
*N. W. Williams, M. S., *Asst. Prof. Poultry Sci.*

Zoology:
*†Z. P. Metcalf, D. Sc., *Head of Dept.*
*C. H. Bostian, Ph. D., *Asst. Prof. Zool. and Ent.*
‡C. H. Brannon, M. S., *Asst. Ent. Specialist.*
†B. B. Fulton, Ph. D., *Research Ent.*
*George Horton, M. S., *Instr. Zool.*
*F. B. Meacham, M. S., *Asst. Prof. Zool.*
*T. B. Mitchell, D. Sc., *Assoc. Prof. Zool. and Ent.*
‡C. L. Sams, *Beekeeping Specialist.*

Miscellaneous:
*W. P. Kellam, M. A., B. L. S., *Libr.*
*Mrs. Reba D. Clevenger, B. L. S., *Document Libr.*
†R. J. Harris, *Supt. Central Sta. Farm.*
*R. W. Severance, B. L. S., *Asst. Libr.*
*Mrs. Charlotte M. Williamson, *Reference Libr.*

Branch Stations:[2]
F. E. Miller, B. S., *Dir. of Branch Stations.*
Blackland Branch Sta., *P. O., Wenona*—
J. L. Rea, Jr., B. S., *Asst. Dir.*
A. P. Lefevers, *Foreman.*
Bryan Harris, *Herdsman.*
Coastal Plain Branch Sta., *P. O., Willard*—
Charles Dearing, B. S., *Asst. Dir.* (*Coop. U. S. D. A.*).
C. O. Bollinger, *Poultryman.*
T. H. Cameron, *Dairy Herdsman.*
D. P. Southerland, *Foreman.*
W. H. Stuart, Jr., B. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
Mountain Branch Sta., *P. O., Swannanoa*—
S. C. Clapp, *Asst. Dir.*
H. B. Coulter, *Dairy Herdsman.*
G. K. Jones, *Poultryman.*
W. M. Whisenhunt, *Foreman.*
Piedmont Branch Sta., *P. O., Statesville*—
J. W. Hendricks, *Asst. Dir.*
R. E. Stitt, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
Tobacco Branch Sta., *P. O., Oxford*—
E. G. Moss, B. S., *Asst. Dir.* (*Coop. U. S. D. A.*).
J. F. Bullock, B. S., *Asst. Tobacco Specialist* (*Coop. U. S. D. A.*).
A. B. Dean, *Foreman.*
Upper Coastal Plain Branch Sta., *P. O., Rocky Mount*—
R. E. Currin, Jr., *Asst. Dir.*
William Allsbrook, *Herdsman.*
J. P. Young, B. S., *Asst. in Tobacco Invest.* (*Coop. U. S. D. A.*).

The Negro Agricultural and Technical College, *Greensboro*

*Agricultural faculty. ‡Extension staff.

*F. D. Bluford, Pd. D., *President.*
*M. F. Spaulding, M. S., *Dir. Dept. of Agr., Prof. Agron. and Bot.*

*Florence L. Byrd, B. S., *Libr.*
*Carolyn E. Crawford, M. S., *Asst. Prof. Home Econ.*

*J. C. B. Cunningham, M. S., *Prof. Dairying and Bact.*
*C. E. Dean, M. S., *Prof. Agr. Ed.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] Under the State department of agriculture and the agricultural experiment station.

*H. J. Green, B. Ch. E., *Prof. Agr. Chem.*
‡W. B. Harrison, *Farm Dem. Agt.*
‡Mrs. Dazelle F. Lowe, B. S., *State Home Dem. Agt.*
‡J. W. Mitchell, B. S., *State Farm Dem. Agt.*
‡Annie M. Murray, *State Home Dem. Agt.*
*S. B. Simmons, B. S., *Dir. Voc. Agr. and Itinerant Teacher Trainer.*
*C. L. Spellman, M. S., *Prof. Poultry Husb.*

NORTH DAKOTA

North Dakota Agricultural College and the Agricultural Experiment Station, *State College Station, Fargo* **(freight and express address,** *Fargo*)

*College faculty. †Station staff. ‡Extension staff.

*J. H. Shepperd, M. S., D. Agr., *President.*
*†‡H. L. Walster, Ph. D., *Dean School of Agr., Dir. of Sta., Dir. of Agr. Ext.*
*†P. F. Trowbridge, Ph. D., *Dir. Emeritus of Sta.*
*†P. J. Olson, M. S., *Asst. Dean School of Agr., Asst. Dir. of Sta.*

Agronomy:
*†T. E. Stoa, M. S., *Chair. of Dept. Agron.*
*O. O. Churchill, Ph. D., *Prof. Agron. (Farm Crops and Genetics).*
*†Kenneth Ableiter, M. S., *Instr. and Asst. Agron. (Soils).*
†P. J. Olson, M. S., *Asst. Agron. (Corn).*
†Thomas Sanderson, *Miller.*
†G. S. Smith, M. S., *Junior Agron. (Coop. U. S. D. A.).*
†Clarence Swallers, B. S., *Asst. in Agron.*
†L. R. Waldron, Ph. D., *Agron. (Plant Brdg.).*
†William Wiidakas, B. S., *Asst. in Agron.*

Animal Husbandry:
*†E. J. Thompson, B. S., *Chair. of Dept.*
‡G. J. Baker, M. S., *Ext. An. Husb.*
*†H. M. Briggs, B. S., *Asst. An. Husb. (Sheep).*
*†F. W. Christensen, M. S., *Prof. An. Nutr.; An. Nutr.*
‡J. T. E. Dinwoodie, D. V. M., *Ext. An. Husb.*
†M. J. Kirk, M. S., *Asst. An. Husb. (Horses).*
*V. T. Sander, B. S., *Instr. An. Husb.*
*†A. S. Severson, M. S., *Asst. Prof. and An. Husb. (Hogs).*

Animal Pathology and Hygiene:
*†L. M. Roderick, D. V. M., Ph. D., *Chair. of Dept. Prof. An. Path. and Hyg.*
*†G. S. Harshfield, M. S., D. V. M., *Asst. Prof. and Asst. Vet.*
*†M. C. Hawn, D. V. M., *Instr. and Asst. Vet.*

Bacteriology:
*†C. I. Nelson, Ph. D., *Prof. Bact.; Bact. and Soil Biol.*
*†Ina M. Brayton, M. S., *Instr. and Asst. Bact.*
*Delaphine G. Rosa, M. Ph., *Instr. Bact.*

Botany and Plant Pathology:
†H. L. Bolley, M. S., *Bot. (Coop. U. S. D. A.).*
†W. E. Brentzel, M. A., *Plant Path.*
†H. H. Flor, Ph. D., *Assoc. Path. (Coop. U. S. D. A.).*
*†H. C. Hanson, Ph. D., *Prof. Bot.; Bot.*
†G. C. Mayoue, M. S., *in charge Barberry Erad. (Coop. U. S. D. A.).*
*†O. A. Stevens, M. S., *Assoc. Prof. Bot.; Taxonomy and Ecol.*

Chemistry (Agr.):
†T. H. Hopper, M. A., *Chair. of Dept.*
†C. E. Mangels, Ph. D., *Cereal Chem. in charge Milling Invest.*
†L. L. Nesbitt, B. S., *Asst. Agr. Chem.*
†A. J. Pinckney, M. S., *Asst. Agr. Chem.*

Dairy Husbandry:
*†J. R. Dice, A. M., *Chair. of Dept. Prof. Dairy Husb.*
‡E. J. Haslerud, B. S., *Ext. Dairyman.*
*†Chris Jensen, M. S., *Asst. Prof. and in charge Dairy Mfrs.*
*†Donald Murray, B. S., *Asst. in Dairy Mfrs.*
†A. L. Watt, *Supt. Mandan Dairy Sta. (Coop. U. S. D. A.).*

Economics (Agr.):
*†C. E. Miller, M. S., *Chair. of Dept. Prof. Agr. Econ.*
†A. H. Benton,[1] Ph. D., *Mktg. and Rural Organ.*
†H. G. Anderson, M. S., *Asst. in Mktg.*
*B. V. McCaul, M. S., *Asst. Prof. Agr. Econ.*
*†H. E. Ratcliffe, M. S., *Asst. Prof. and Asst. Farm Econ.*
†E. A. Willson, M. S., *Agr. Econ. (Rural Life Studies).*

Editorial and Publicity:
*†‡W. C. Palmer, M. S., *Dir. and Agr. Editor.*
‡T. W. Gildersleeve, B. S., *Ext. Editor.*
*†T. W. Johnson, M. S., *Instr. Journalism; Asst. Agr. Editor.*

Education (Agr.):
*E. H. Jones, M. A., *Prof. and State Supvr. Agr. Ed.*
*G. C. Cook, M. S., *Instr. and Asst. Supvr. Agr. Ed.*
*L. L. Scranton, Ph. D., *Asst. Prof. Agr. Ed.*
*T. W. Thordarson, M. S., *Dir. Correspondence and Coll. Ext. Courses.*

Engineering (Agr.):
*†‡H. F. McColly, M. S., *Assoc. Prof. and Chair. of Dept.*

Entomology:
*†J. A. Munro, M. S., *Assoc. Prof. Econ. Ent.; Ent. (State Ent.).*
*†Hazel W. Riddle, B. S., *Lab. Asst.*

Extension (Admin.):[2]
Director Walster *in charge.*
‡N. D. Gorman, *County Agt. Leader.*
‡Grace DeLong, B. A., *State Home Dem. Leader.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.

‡H. E. Rilling, M. S., *State Club Leader.*
‡E. J. Haslerud, B. S., *Asst. County Agt. Leader.*
‡E. G. Parizek, *Asst. County Agt. Leader.*
‡Pauline M. Reynolds, B. A., *Asst. State Club Leader.*
‡Ella M. Johnson, *Dist. Home Dem. Agt.*
‡Viola C. Meints, M. S., *Dist. Home Dem. Agt.*

Home Economics:

*Alba Bales, M. A., *Dean of School.*
*Minnie A. Anderson, M. A., *Prof. Clothing and Textiles.*
†Dorothy G. Berrigan, B. S., *Asst. in Home Econ.*
‡Julia E. Brekke, M. A., *Clothing Specialist.*
*Ann Brown, M. A., *Assoc. Prof. Art and Design.*
‡Ruth M. Dawson, M. S., *Foods and Nutr. Specialist.*
*Helen C. Finlayson, A. B., *State Supvr. Home Econ.*
*Lucille Horton, M. S., *Assoc. Prof. Home Econ. Ed.*
*Constance Leeby, M. A., *Asst. Prof. Home Econ.*
‡Viola C. Meints, M. S., *Home Mgt. Specialist.*
*Elvira T. Smith, M. A., *Prof. Foods and Nutr.*

Home Economics—Continued.

‡Edna Sommerfeld, B. S., *Clothing Specialist.*

Horticulture and Forestry:

*†A. F. Yeager, M. S., *Chair. of Dept.*
*C. B. Waldron, B. S., *Prof. Landsc. Gard. and For.*
‡D. D. Baldwin, *Ext. For.* (*P. O., Bottineau*).

Poultry Husbandry:

*†‡F. E. Moore, M. S., *Chair. of Dept.*
*†O. A. Barton, B. S., *Prof. Poultry Husb.; Poultryman.*
*†G. P. Goodearl, B. S., *Instr. and Research Asst. in Poultry Husb.*

Veterinary Science—*See* **Animal Pathology and Hygiene.**

Miscellaneous:

†M. J. Kirk, M. S., *Farm Supt.*
†Bertha Stickney, *Asst. in Libr.*

Substations:

Dickinson—
Leroy Moomaw, B. S., *Supt.* (*Coop. U. S. D. A.*).
R. W. Smith, M. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
Edgeley—O. A. Thompson, B. S., *Supt.*
Hettinger—Glenn Brokaw, *Caretaker.*
Langdon—Victor Sturlaugson, *Supt.*
Williston——— ———, *Supt.*

OHIO

The Colleges of Agriculture and Veterinary Medicine of Ohio State University, *Columbus*

*College faculty. ‡Extension staff.

*G. W. Rightmire, M. A., LL. D., *President of University.*
*John F. Cunningham, M. S., *Dean Coll. of Agr.*
*Alfred Vivian, Ph. G., *Dean Emeritus.*
‡H. C. Ramsower, B. S., Ed. D., *Dir. of Agr. Ext.*
*O. V. Brumley, V. S., *Dean Coll. of Vet. Med.*
*H. W. Nisonger, A. M., *Junior Dean Coll. of Agr.*
*T. G. Watson, M. S., *Secy. Coll. of Agr.*

Agronomy:

*R. M. Salter, M. S., *Chair. of Dept.*[1]
*‡J. B. Park, D. Sc., *Prof. Agron.*[1]
*H. W. Batchelor, B. S., *Asst. Prof. Soils.*[1]
*Richard Bradfield, Ph. D., *Prof. Soils.*[1]
*G. W. Conrey, Ph. D., *Assoc. Prof. Soils.*[1]
*D. R. Dodd, Ph. D., *Prof. Agron.*[1]
‡Earl Jones, M. S., *Ext. Agron.*
*‡R. D. Lewis, Ph. D., *Assoc. Prof. and Specialist in Farm Crops.*
*G. M. McClure, M. S., *Asst. Prof. Agron.*[1]
*‡F. J. Salter, Ph. D., *Asst. Prof. Agron.*
‡J. A. Slipher, B. S., *Ext. Agron.*
*C. J. Willard, Ph. D., *Prof. Farm Crops.*[1]

Animal Husbandry:

*C. W. Gay, D. V. M., B. S., *Chair. of Dept.*[1]
*S. M. Salisbury, B. S., *Prof. An. Husb., in charge Dairy Prod.*
‡C. L. Blackman, M. S., *An. Husb. Specialist.*
*J. S. Coffey, B. S., *Prof. An. Husb.*
‡Oscar Erf, B. S., *in charge of Advanced Registry.*
*E. E. Heizer, Ph. D., *Instr. An. Husb.*
*D. J. Kays, B. S., *Prof. An. Husb.*

Animal Husbandry—Continued.

*L. E. Kunkle, M. S., *Asst. in An. Husb.*
‡L. P. McCann, M. S., *An. Husb. Specialist.*
‡Ivan McKellip, M. S., *An. Husb. Specialist.*
*C. S. Plumb, D. Sc., *Emeritus Prof. An. Husb.*
*T. S. Sutton, Ph. D., *Instr. An. Husb.*[1]
‡J. W. Wuichet, B. S., *An. Husb. Specialist.*

Botany:

*E. N. Transeau, Ph. D., *Chair. of Dept.*
*G. W. Blaydes, Ph. D., *Asst. Prof. Bot.*
*Helen J. Brown, Ph. D., *Instr. Bot.*
*W. H. Camp, Ph. D., *Instr. Bot.*
*R. O. Freeland, Ph. D., *Instr. Bot.*
*R. B. Gordon, Ph. D., *Instr. Bot.*
*L. E. Hicks, Ph. D., *Instr. Bot.*
*Lois Lampe, Ph. D., *Instr. Bot.*
*B. S. Meyer, Ph. D., *Assoc. Prof. Bot.*
‡A. L. Pierstorff, Ph. D., *Plant Path. Specialist.*
*H. C. Sampson, Ph. D., *Prof Bot.*
*J. H. Schaffner, M. S., *Research Prof. Bot.*
*W. G. Stover, Ph. D., *Prof. Bot.*
*L. H. Tiffany, Ph. D., *Prof. Bot.*
*A. E. Waller, Ph. D., *Assoc. Prof. Bot.*

[1] See also experiment station staff.

Chemistry (Agr.):

*J. F. Lyman, Ph. D., *Chair. of Dept.*
*E. F. Almy, Ph. D., *Assoc. Prof. Agr. Chem.*
*R. C. Burrell, Ph. D., *Assoc. Prof. Agr. Chem.*

Dairy Technology:

*R. B. Stoltz, B. S., *Chair. of Dept.*
*L. H. Burgwald, B. S., *Assoc. Prof. Dairy Tech.*
*J. H. Erb, M. S., *Asst. Prof. Dairy Tech.*

Economics (Rural):

*J. I. Falconer, Ph. D., *Chair. of Dept.*[1]
‡L. H. Barnes, B. S., *Specialist in Farm Mgt.*
‡Floyd DeLashmutt, B. S., *Specialist in Farm Mgt.*
*L. G. Foster,[2] A. M., *Assoc. Prof. Rural Econ.*[1]
‡C. W. Hammans, M. S., *Mktg. Specialist.*
*C. W. Hauck, M. S., *Asst. Prof. Rural Econ.*[1]
*G. F. Henning, Ph. D., *Assoc. Prof. Rural Econ.*
*C. E. Lively, Ph. D., *Assoc. Prof. Rural Econ.*[1]
*C. G. McBride, Ph. D., *Assoc. Prof. Rural Econ.*[1]
‡G. W. Miller, M. S., *Specialist in Farm Mgt.*
*H. R. Moore, M. S., *Instr. Rural Econ.*[1]
*F. L. Morison, M. S., *Asst. Prof. Rural Econ.*[1]
*T. D. Phillips, B. S., *Asst. Prof. Farm Mgt. and Supt. Univ. Farms.*
*J. H. Sitterley, M. S., *Instr. Rural Econ.*
‡R. B. Tom, *Specialist in Rural Sociol.*
‡B. A. Wallace, M. A., *Mktg. Specialist.*
*‡V. R. Wertz, Ph. D., *Prof. Rural Econ.*
‡P. A. Young, B. S., *Dairy Mktg. Specialist.*

Editorial—See **Journalism.**

Education (Agr.):

*W. F. Stewart, Ph. D., *Chair. of Dept.*
*E. O. Bolender, M. S., *Instr. Agr. Ed. (P. O., Hilliards).*
*L. B. Fidler, B. S., *Instr. Agr. Ed. (P. O., Canal Winchester).*
*L. E. Jackson, Ph. D., *Asst. Prof. Agr. Ed.*
*H. G. Kenestrick, B. S., *Asst. Prof. Agr. Ed.*
*A. C. Kennedy, M. S., *Instr. Agr. Ed. (P. O., Reynoldsburg).*
*Howard McClarren, M. A., *Instr. Agr. Ed. (P. O., Westerville).*
*F. J. Ruble, M. S., *Instr. Agr. Ed. (P. O., Grove City).*

Engineering (Agr.):

*G. W. McCuen, B. S., *Chair. of Dept.*[1]
‡R. D. Barden, B. S., *Agr. Engin. Specialist.*
*‡R. C. Miller, B. S., A. E., *Prof. Agr. Engin. and Agr. Engin. Specialist.*[1]
*‡V. L. Overholt, B. S., *Prof. Agr. Engin. and Agr. Engin. Specialist.*[1]
*C. O. Reed, B. S., *Prof. Agr. Engin.*[1]

Entomology—See **Zoology.**

Extension (Admin.) [3]

Director Ramsower *in charge.*
‡G. B. Crane, M. S., *Asst. Dir. and Secy.*

Extension (Admin.)—Continued.

‡Minnie Price, B. S., *State Home Dem. Leader.*
‡W. H. Palmer, M. S., *State Club Leader.*
‡J. P. Schmidt, B. S., *Supvr. of Insts.*
‡O. C. Croy, M. S., *Asst. State Club Leader.*
‡Hulda E. Horst, M. A., *Asst. State Club Leader.*
‡Adele Koch, A. M., *Asst. State Home Dem. Leader.*
‡C. C. Lang, B. S., *Asst. State Club Leader.*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡Guy Dowdy, B. S., *in charge Compliance, Agr. Adjustment Program.*
‡G. R. Eastwood, M. S., *Dist. Supvr.*
‡D. S. Myer, M. A., *State Agt. in charge Agr. Adjustment Program.*
‡B. B. Spohn, B. S. Ed., *Dist. Supvr.*

Home Economics:

*Mrs. Faith L. Gorrell, M. A., *Dir. of School.*[1]
*Clara M. Bancroft, M. S., *Asst. Prof. Home Econ.*
‡Thelma Beall, B. S., *Home Mgt. Specialist.*
‡Anne P. Biebricher, M. A., *Home Mgt. Specialist.*
‡Edna M. Callahan, M. A., *Clothing Specialist.*
*Daisy Davis, M. A., *Asst. Prof. Home Econ.*
*Mrs. Estelle B. Franks, B. S., *Instr. Home Econ.*
‡Alma L. Garvin, M. A., *Nutr. Specialist.*
*Marion E. Griffith, M. S., *Instr. Home Econ.*[1]
*Alma C. Heiner, M. A., *Instr. Home Econ.*
*Osee Hughes, M. S., *Instr. Home Econ.*
*Hazel H. Huston, M. A., *Asst. Prof. Home Econ.*
*Marian M. Jones, M. A., *Instr. Home Econ.*
*Mrs. June F. Kennedy, M. A., *Asst. Prof. Home Econ.*
*Hughina McKay, M. A., *Prof. Home Econ.*[1]
*Mrs. Elizabeth M. Moore, M. S., *Instr. Home Econ.*
‡Lelia C. Ogle, B. S., *Nutr. Specialist.*
*Mrs. Alice D. Pressey, A. M., *Asst. Prof. Home Econ.*
*Mabel K. Ray, M. S., *Asst. in Home Econ.*
*Eunice Ryan, M. A., *Instr. Home Econ.*
*Helen C. Smith, M. A., *Asst. Prof. Home Econ.*
‡Eunice E. Teal, *Clothing Specialist.*
*Eve E. Turnbull, M. A., *Asst. Prof. Home Econ.*
*Doris Ufer, M. S., *Instr. Home Econ.*
*Helen Westervelt, B. S., *Instr. Home Econ.*

Horticulture and Forestry:

*J. H. Gourley, Ph. D., *Chair. of Dept.*[1]
*Wendell Paddock, M. S., *Prof. Hort.*
‡F. H. Beach, B. S., *Hort. Specialist.*
‡J. H. Boyd, *Veg. Gard. Specialist.*
*H. D. Brown, Ph. D., *Prof. Veg. Gard.*[1]
*‡L. C. Chadwick, Ph. D., *Asst. Prof. and Specialist in Flor.*

---

[1] See also experiment station staff.
[2] On leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture and Forestry—Contd.

‡F. W. Dean, B. S. F., *For. Specialist.*[1]
*F. S. Howlett, Ph. D., *Asst. Prof. Hort.*[1]
*Alex Laurie, M. A., *Prof. Flor.*[1]
‡V. H. Ries, M. S., *Flor. Specialist.*
‡E. B. Tussing, B. S., *Veg. Gard. Specialist.*
*E. G. Wiesehuegel, M. F., *Asst. Prof. For.*[1]

Journalism (Agr.):

†J. E. McClintock, M. S., *Supvr. Home Reading Courses, Editor.*
‡Ethel M. Cadley, *Asst. Editor.*
*H. R. O'Brien, M. A., *Instr. Agr. Journalism.*
‡E. M. Rowalt, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. in Photog. and Illustrations (Visual Instr.).*

Poultry Husbandry:

*E. L. Dakan, B. S., *Chair. of Dept.*
‡R. E. Cray, M. S., *Poultry Specialist.*
‡C. M. Ferguson, B. S., *Poultry Specialist.*
*A. R. Winter, Ph. D., *Assoc. Prof. Poultry Husb.*
‡P. B. Zumbro, B. S., *Poultry Specialist.*

Veterinary Medicine:

Dean Brumley *in charge.*
*A. F. Schalk, D. V. M., *Prof. Preventive Vet. Med.*[1]
*D. W. Ashcraft, D. V. M., Ph. D., *Instr. Comp. Physiol.*
*B. H. Edgington, M. D. C., D. V. M., *Assoc. Prof. Vet. Med.*[1] (*P. O., Reynoldsburg*).
*T. C. Fitzgerald, D. V. M., M. S., *Asst. in Vet. Anat.*

Veterinary Medicine—Continued.

*L. W. Goss, D. V. M., *Prof. Vet. Path.*
*J. D. Grossman, D. V. M., *Prof. Vet. Anat.*
*W. F. Guard, D. V. M., *Prof. Vet. Surg., Dir. of Clinics.*
*W. R. Hobbs, D. V. M., *Prof. Vet. Med.*
*W. R. Krill, B. S., D. V. M., *Instr. Vet. Surg.*
*R. E. Rebrassier, M. S., D. V. M., *Assoc. Prof. Vet. Parasitol.*[1] (*P. O., Reynoldsburg*).
*J. N. Shoemaker, D. V. M., *Assoc. Prof. Vet. Surg.*
*Fritz Volkmar, D. V. M., M. S., *Asst. in Vet. Path.*

Zoology and Entomology:

*R. C. Osburn, Ph. D., *Chair. of Dept.*
*W. M. Barrows, D. Sc., *Prof. Zool.*
*D. J. Borror, M. S., *Instr. Zool.*
*D. M. DeLong, Ph. D., *Prof. Ent.*
‡W. E. Dunham, Ph. D., *Apiculture Specialist.*[1]
*C. H. Kennedy, Ph. D., *Prof. Ent.*
*W. J. Kostir, M. A., *Asst. Prof. Zool.*
*D. F. Miller, Ph. D., *Assoc. Prof. Zool.*
*J. A. Miller, Ph. D., *Asst. Prof. Zool.*
*J. N. Miller, M. A., *Instr. Zool.*
*Herbert Osborn, D. Sc., LL. D., *Emeritus Prof. Zool. and Ent.*
‡T. H. Parks, M. S., *Ent. Specialist.*
*Alvah Peterson, Ph. D., *Prof. Ent.*
*J. W. Price, Ph. D., *Assoc. Prof. Zool.*
*P. E. Schaefer, M. S., *Instr. Zool.*
*R. G. Schott, Ph. D., *Instr. Zool.*
*L. H. Snyder, Sc. D., *Prof. Zool.*
*W. M. Tidd, M. S., *Instr. Zool.*
*E. N. Warner, M. S., *Instr. Zool.*

Ohio Agricultural Experiment Station, *Wooster*

†Station staff.

†C. G. Williams, D. Sc., *Director.*

Agronomy:

†R. M. Salter, M. S., *Chief.*
†C. E. Thorne, D. Sc., *Consult. Chief.*
†J. W. Ames, M. S., *Assoc. in Agron.* (*Soil Chem.*).
†E. E. Barnes, Ph. D., *Assoc. Agron.*
†H. W. Batchelor, B. S., *Assoc. Agron.* (*Soil Biol.*).
†E. G. Bayfield, Ph. D., *Assoc. in Agron.* (*Cereal Chem.*).
†Richard Bradfield, Ph. D., *Assoc. in Agron.* (*P. O., Columbus*).
†J. C. Carroll, M. S., *Asst. Agron.* (*Biochem.*).
†G. W. Conrey, Ph. D., *Assoc. in Agron.* (*Soil Survey*).
†J. S. Cutler,[2] M. S., *Assoc. Agron. in charge Outlying Expts.* (*Coop. U. S. D. A.*).
†D. R. Dodd, Ph. D., *Assoc. in Agron.* (*P. O., Columbus*).
†C. A. Lamb, M. S., *Asst. in Agron.* (*Cereal Brdg.*).
†G. M. McClure, M. S., *Asst. in Agron.* (*P. O., Columbus*).
†J. T. McClure, M. A., *Asst. Agron.* (*Statistics*).
†V. H. Morris, Ph. D., *Assoc. Agron.* (*Biochem.: Coop. U. S. D. A.*).
†J. B. Park, D. Sc., *Assoc. Agron.* (*P. O., Columbus*).
†C. A. Patton, *Asst. Agron. and Climat. Observer.*

Agronomy—Continued.

†J. D. Sayre, Ph. D., *Assoc. in Agron.* (*Plant Physiol.: Coop. U. S. D. A.*).
†C. J. Schollenberger, A. B., *Assoc. in Agron.* (*Soil Chem.*).
†R. H. Simon, A. M., *Asst. in Agron.* (*Soil Chem.*).
†G. H. Stringfield, M. S., *Assoc. Agron.* (*Corn Brdg.: Coop. U. S. D. A.*).
†L. E. Thatcher, Ph. G., *Assoc. Agron.* (*Field Crops*).
†F. A. Welton, Ph. D., *Assoc. Agron.* (*Field Crops*).
†C. J. Willard, Ph. D., *Assoc. Agron.* (*P. O., Columbus*).

Animal Industry:

†Paul Gerlaugh, M. S., *Chief.*
†D. S. Bell, M. S., *Assoc.* (*Sheep Invest.*).
†R. M. Bethke, Ph. D., *Assoc.* (*Nutr.*).
†V. D. Chamberlin, B. S., *Asst. in Poultry.*
†B. H. Edgington, M. D. C., D. V. M., *Assoc. An. Path.* (*P. O., Reynoldsburg*).
†Norma A. Frank, M. S., *Asst. in An. Indus.* (*P. O., Reynoldsburg*).
†C. W. Gay, D. V. M., M. S., *Assoc. in An. Indus.* (*P. O., Columbus*).
†C. H. Hunt, Ph. D., *Assoc.* (*Nutr.*)
†D. C. Kennard, B. S., *Assoc.* (*Poultry Invest.*).
†C. H. Kick, Ph. D., *Asst. in Nutr.*

[1] See also experiment station staff.
[2] On leave.

Animal Industry—Continued.

†R. E. Rebrassier, M. S., D. V. M., *Assoc. Parasitol.* (*P. O., Reynoldsburg*).
†P. R. Record, M. S., *Asst. in Poultry.*
†W. L. Robison, M. S., *Assoc.* (*Swine Invest.*).
†A. F. Schalk, D. V. M., *Assoc. in An. Indus.* (*P. O., Columbus*).
†O. H. M. Wilder, M. S., *Asst.* (*Nutr.*).

Botany and Plant Pathology:

†H. C. Young, Ph. D., *Chief.*
†L. J. Alexander, Ph. D., *Asst. Plant Path.*
†H. A. Runnels, M. S., *Asst. Plant Path.*
†R. C. Thomas, M. A., *Assoc. Plant Path.*
†P. E. Tilford, M. S., *Assoc. Plant Path.*
†J. D. Wilson, Ph. D., *Assoc. Plant Path.*

Dairy Industry:

†C. C. Hayden, M. S., *Chief.*
†C. E. Knoop, M. S., *Asst. in Dairy Indus.*
†W. E. Krauss, Ph. D., *Assoc. in Dairy Nutr.*
†C. F. Monroe, M. S., *Assoc. Dairy Chem.*
†A. E. Perkins, M. S., *Assoc. in Dairy Indus.*
†T. S. Sutton, Ph. D., *Asst. in Dairy Indus.* (*P. O., Columbus*).
†R. G. Washburn, A. B., *Asst. Dairy Chem.*

Economics (Rural) [1]

†J. I. Falconer, Ph. D., *Chief.*
†P. S. Eckert, B. S., *Asst.*
†C. W. Hauck, M. S., *Asst.*
†G. F. Henning, Ph. D., *Assoc.*
†C. E. Lively, Ph. D., *Assoc.*
†C. G. McBride,[2] Ph. D., *Assoc.*
†H. R. Moore, M. S., *Asst.*
†F. L. Morison, M. S., *Asst.*
†R. W. Sherman, M. S., *Asst.*
†P. P. Wallrabenstein, B. S., *Asst.*

Editorial:

†Mrs. Mildred S. Krauss, M. A., *Editor.*

Engineering (Agr.): [1]

†G. W. McCuen, B. S., *Chief.*
†R. C. Miller, B. S., A. E., *Assoc.*
†V. L. Overholt, B. S., *Assoc.*
†C. O. Reed, B. S., *Assoc.*
†E. A. Silver, B. S., *Assoc.*

Entomology:

†J. S. Houser, M. S., *Chief.*
†A. W. Cressman, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
†C. R. Cutright, Ph. D., *Assoc. Ent.*
†L. H. Dawsey, Ph. D., *Asst. Chem.* (*Coop. U. S. D. A.*).
†W. E. Dunham, Ph. D., *Asst. in Ent.* (*P. O., Columbus*).
†H. L. Gui, Ph. D., *Asst. Ent.*
†L. L. Huber, Ph. D., *Assoc. Ent.*
†C. R. Neiswander, Ph. D., *Assoc. Ent.*
†R. B. Neiswander, Ph. D., *Asst. Ent.*
†Herbert Osborn, D. Sc., LL. D., *Assoc. Ent.* (*P. O., Columbus*).
†J. P. Sleesman, Ph. D., *Asst. Ent.*

Forestry:

†Edmund Secrest, B. S., *Chief For. and Assoc. Dir. of Sta.* (*State For.*).
†O. A. Alderman, M. F., *Assoc. For.* (*P. O. Chillicothe*).
†N. R. Bear, B. S., *Asst. in Soil Erosion Control* (*P. O., Chillicothe*).

Forestry—Continued.

†J. J. Crumley, Ph. D., *Assoc. For.* (*P. O., Athens*).
†F. W. Dean, B. S. F., *Asst. For.*
†J. H. Hawkins, B. S., M. F., *Asst. For.* (*P. O., Chillicothe*).
†B. E. Leete, M. F., *Assoc. For.* (*P. O., Chillicothe*).
†G. C. Martin, *Supt. State Nursery* (*P. O., Marietta*).
†R. R. Paton, B. S., M. F., *Asst. For.*
†B. R. Skinner, B. S., *Supt. Bryan Park* (*P. O., Yellow Springs*).
†E. G. Wiesehuegel, M. F., *Asst. For.* (*P. O., Columbus*).

Home Economics: [1]

†Mrs. Faith L. Gorrell, M. A., *Chief.*
†Marion E. Griffith, M. S., *Asst.*
†Hughina McKay, M. A., *Assoc.*
†Mrs. Mary B. Patton, M. S., *Asst.*

Horticulture:

†J. H. Gourley, Ph. D., *Chief.*
†F. H. Ballou, *Assoc. Hort.* (*P. O., Newark*).
†H. D. Brown, Ph. D., *Assoc. Hort.* (*P. O., Columbus*).
†John Bushnell, Ph. D., *Assoc. Hort.*
†Donald Comin, M. S., *Asst. Hort.*
†C. W. Ellenwood, *Assoc. Hort.*
†Leon Havis, M. S., *Asst. Hort.* (*P. O., Columbus*).
†I. C. Hoffman, M. S., *Asst. Hort.*
†F. S. Howlett, Ph. D., *Assoc. Hort.*
†Alex Laurie, M. A., *Assoc. Hort.* (*P. O., Columbus*).
†I. P. Lewis, M. S., *Asst. Hort.* (*P. O., New Waterford*).
†G. H. Poesch, M. S., *Asst. Hort.* (*P. O., Columbus*).

Miscellaneous:

†W. H. Kramer, *Bursar.*
†Emma J. Collins, M. A., *Libr.*

Substations:

M. A. Bachtell, B. S., *in charge.*
Northeastern Expt. Farm, *P. O., Strongsville*—L. A. Malik, *Supt.*
Northwestern Expt. Farm, *P. O., Holgate*—J. B. McLaughlin, B. S., *Asst. Supt.* (*Coop. U. S. D. A.*).
Southeastern Expt. Farm, *P. O., Carpenter*—S. C. Hartman, M. S., *Supt.*
Southwestern Expt. Farm, *P. O., Germantown*—H. M. Wachter, *Supt.*
Belmont County Expt. Farm, *P. O., St. Clairsville*—Walter Mahan, *Supt.*
Clermont County Expt. Farm, *P. O., Batavia*—H. S. Elliot, *Supt.*
Hamilton County Expt. Farm, *P. O., Mt. Healthy*—
W. E. Weaver, *Supt.*
Cecil Fryman, *Foreman.*
Madison County Expt. Farm, *P. O., London*—H. W. Rogers, B. S., *Supt.*
Mahoning County Expt. Farm, *P. O., Canfield*—L. W. Sherman, M. S., *Supt.*
Miami County Expt. Farm, *P. O., Troy*—P. A. Jones, *Supt.*
Muck Crops Expt. Farm, *P. O., McGuffey*—Harry Obenour, *Foreman.*
Paulding County Expt. Farm, *P. O., Paulding*—R. C. Beatty, *Foreman.*
Trumbull County Expt. Farm, *P. O., Cortland*—Harold Allen, *Supt.*
Washington County Expt. Farm, *P. O., Fleming*—C. B. Harvey, *Foreman.*
Washington County Truck Farm, *P. O., Marietta*—O. N. Riley, *Foreman.*

---

[1] Post office for staff, *Columbus,* unless otherwise stated.
[2] On leave.

OKLAHOMA

Oklahoma Agricultural and Mechanical College and the Agricultural Experiment Station, *Stillwater*

*College faculty. †Station staff. ‡Extension staff.

*H. G. Bennett, Ph. D., LL. D., *President.*
*†C. P. Blackwell, M. S., *Dean School of Agr., Dir. of Sta.*
‡D. P. Trent, B. S., *Dir. of Ext.*

Agronomy:

*†N. E. Winters,[1] Ph. D., *Prof. and Head of Dept., Asst. Dir. of Sta.*
†O. H. Brensing, B. S., *Asst. Soil Surveyor.*
†C. R. Carberry, M. S., *Asst. Agron.*
†H. F. Cobb, *Foreman Heavener Field Sta.*
*†C. B. Cross, M. S., *Assoc. Prof. and Assoc. Agron.* (*Cereals*).
†H. A. Daniel, M. S., *Asst. Agron.*
†R. W. Ellithorp, M. S., *Asst. Agron.* (*P. O., Granite*).
†H. M. Elwell, B. S., *Asst. Agron. in Soil Conservation* (*P. O., Guthrie*).
†H. H. Finnell,[1] B. S., *Assoc. Agron.* (*P. O., Goodwell*).
*†W. B. Gernert, Ph. D., *Assoc. Prof. and Assoc. Agron.*
*†H. J. Harper, Ph. D., *Prof. Soils; Soils.*
†C. D. Haston, M. S., *Asst. Agron. in charge Agron. Farms.*
†C. A. Hollopeter, B. S., *Asst. Soil Surveyor.*
*†J. C. Ireland, Ph. D., *Prof. Plant Brdg.; Plant Breeder.*
*†B. F. Kiltz,[1] M. S., *Assoc. Prof. Agron.; in charge Forage Crops and Pastures.*
†J. R. Kinnard, *Foreman Perkins Farm.*
*†L. L. Ligon, M. S., *Assoc. Prof. and Assoc. Agron.* (*Cotton*).
*†H. F. Murphy, M. S., *Assoc. Prof. and Assoc. in Soils; Acty. Head of Dept.*
‡L. W. Osborn, B. S., *Ext. Agron.*
†L. E. Rose, B. S., *Asst. Soil Surveyor.*
*†H. W. Staten, M. S., *Asst. Prof. and Asst. Agron.* (*Cotton*).
†G. W. Statton, *Foreman Ardmore Field Sta.*

Animal Husbandry:

*†W. L. Blizzard, B. S., *Prof. and Head of Dept.*
‡P. G. Adams, B. S., *Ext. An. Husb.*
*†J. A. Beall, M. S., *Instr. and Asst. An. Husb.* (*Meats*).
*†W. A. Craft, Ph. D., *Assoc. Prof. and Assoc. An. Husb.* (*An. Brdg.*).
*†A. E. Darlow, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*Sheep*).
*†L. E. Hawkins, Ph. D., *Asst. Prof. and Asst. An. Husb.* (*An. Brdg.*).
*†C. P. Thompson, M. S., *Prof. An. Husb.; An. Husb.* (*Swine*).

Bacteriology, Physiology, and Veterinary Science:

*C. H. McElroy, B. S., D. V. M., *Head of Dept.*
*E. E. Harnden, B. S., D. V. M., *Assoc. Prof. Bact. and Vet. Med.*
*†L. H. Moe, D. V. M., *Asst. Prof. Bact. and Vet. Med.; Asst. Vet.*
*H. W. Orr, D. V. M., M. S., *Prof. Bact. and Vet. Med.*
*Frances E. Willison, M. A., *Asst. Prof. Bact.*

Botany and Plant Pathology:

*†F. M. Rolfs, Ph. D., *Prof. and Head of Dept.*
*H. I. Featherly, M. S., *Assoc. Prof. Bot. and Plant Path.*
*O. C. Schultz, B. S., *Assoc. Prof. Bot. and Plant Path.*
*E. L. Shannon, M. S., *Asst. Prof. Bot. and Plant Path.*
*Robert Stratton, M. A., *Assoc. Prof. Bot. and Plant Path.*
†Gertrude E. Tennyson, M. S., *Asst. in Plant Path.*

Chemistry:

*O. M. Smith, Ph. D., *Prof. and Head Dept. of Chem.*
*†V. G. Heller, Ph. D., *Prof. and Head Dept. of Agr. Chem. Research.*
*J. A. Burrows, Ph. D., *Assoc. Prof. Chem.*
*O. C. Dermer, Ph. D., *Asst. Prof. Chem.*
†W. D. Gallup, M. S., *Asst. Agr. Chem. Research.*
*Ruth M. Gerber, M. S., *Asst. Prof. Chem.*
*C. L. Nickolls, M. S., *Assoc. Prof. Chem.*
†Ruth E. Reder, Ph. D., *Assoc. in Agr. Chem. Research.*
*T. L. Schiefelbusch, M. S., *Asst. Prof. Chem.*
*H. M. Trimble, Ph. D., *Prof. Chem.*
*†J. E. Webster, Ph. D., *Assoc. Prof. and Assoc. Agr. Chem. Research.*
*S. R. Wood, Ph. D., *Assoc. Prof. Chem.*

Dairying:

*†Earl Weaver, M. S., *Prof. and Head of Dept.*
‡J. W. Boehr, M. S., *Ext. Dairyman.*
‡S. B. Durham, B. S., *Ext. Dairyman.*
*†E. L. Fouts, M. S., *Asst. Prof. and Asst. in Dairy Mfg.*
*†J. I. Keith, Ph. D., *Assoc. Prof. Dairying; Assoc. in Dairy Mfg.*
*†A. H. Kuhlman, Ph. D., *Prof. Dairying; Dairy Husb.*
*†P. C. McGilliard, B. S., *Asst. Prof. and Asst. Dairy Prod.*
‡H. P. Moffitt, M. S., *Ext. Dairyman.*
†C. W. Rink, B. S., *Lab. Asst. in Dairy Mfg., Supt. of Creamery.*

Economics (Agr.):

*†J. T. Sanders, Ph. D., *Prof. and Head of Dept.*
*†R. A. Ballinger, Ph. D., *Prof. Agr. Econ.; Agr. Mktg.*
*†O. D. Duncan, M. S., *Assoc. Prof. and Assoc. in Rural Sociol.*
*†L. S. Ellis, Ph. D., *Assoc. Prof. Agr. Econ.; in charge Invest. in Agr. Prices.*
‡H. A. Graham, M. S., *Asst. Ext. Econ., Mktg.*
‡A. W. Jacob, B. S., *Ext. Econ., Mktg.*
†C. C. McWhorter, M. S., *Asst. in Agr. Econ.* (*Coop. U. S. D. A.*).
‡Harold Miles, B. S., *Ext. Econ., Farm Mgt.*

[1] On leave.

Editorial—See **Journalism.**

Education (Agr.):

*D. C. McIntosh, Ph. D., *Prof. and Head of Dept., Dean of Grad. School.*
*Robert Adcock, B. S., *Teacher Trainer in Agr. Ed. (P. O., Perkins).*
*J. C. Muerman, Ph. D., *Prof. Rural Ed.*
*J. H. Murray, M. S., *Assoc. Prof. Agr. Ed.*
*D. M. Orr, M. S., *Asst. Prof. and Teacher Trainer in Agr. Ed.*

Engineering (Agr.):

*†L. E. Hazen, B. S., M. E., *Prof. and Head of Dept.*
†H. E. Bergschneider,[1] B. S., *Agr. Engin. (P. O., Guthrie).*
‡W. H. McPheters, B. S. E. E., A. E., *Ext. Agr. Engin.*
‡C. T. Sturdivant, *Ext. Asst. Agr. Engin.*
*†H. M. Wallace, Jr., M. S., *Asst. Prof. and Asst. Agr. Engin.*

Entomology:

*†F. A. Fenton, Ph. D., *Prof. and Head of Dept.*
*†G. A. Bieberdorf, B. S., *Asst. Prof. and Asst. Ent.*
*†Ephriam Hixson, M. S., *Asst. Prof. Ent.; Boll Weevil Control Invest.*
*G. A. Moore, M. S., *Asst. Prof. Zool.*
*C. E. Sanborn, A. M., *Prof. Ent.*
‡C. F. Stiles, M. S., *Ext. Ent.*
*†F. E. Whitehead, Ph. D., *Asst. Prof. and Asst. Ent.*

Extension (Admin.):[2]

Director Trent *in charge.*
‡E. E. Scholl, B. S., *Asst. Dir.*
‡Norma M. Brumbaugh, B. S., *State Home Dem. Agt.*
‡B. A. Pratt, M. S., *State Club Agt.*
‡Mrs. Elva R. Duvall, *Asst. State Club Agt.*
‡H. F. Mercer, B. S., *Asst. State Club Agt.*

Home Economics:

*Nora A. Talbot, A. M., *Dean School of Home Econ.*
*Florence L. Lytle, M. A., *Prof. and Head Dept. of Home Econ. Ed.*
*Sara T. Murray, M. A., *Prof. and Head Dept. of Household Arts.*
*Daisy I. Purdy, Ph. D., *Prof. and Head Dept. of Household Sci.*
*Mary B. Carter, M. A., *Assoc. Prof. Household Sci.*
†Leva Conner, B. S., *Asst. in Home Econ. Research.*
*Emily H. Davis, M. A., *Assoc. Prof. Household Arts.*
†Grace C. Fernandes, M. S., *Home Econ. Research.*

Home Economics—Continued.

‡Madonna Fitzgerald, B. S., *Ext. Econ., Home Mgt.*
*Brenda Gould, M. A., *Instr. Household Arts.*
*Anna M. Johnson, M. S., *Asst. Prof. Household Arts.*
‡Martha R. McPheeters, B. S., *Food and Nutr. Specialist.*
‡Martha Merrifield, B. S., *Clothing Specialist.*
*Virginia Messenger, M. S., *Assoc. Prof. Home Econ. Ed.*
*Millie V. Pearson, M. S., *Asst. Prof. Home Econ. Ed.*
*Mary F. Reed, M. A., *Asst. Prof. Home Econ. Ed.*
*Beulah F. Shockey, M. S., *Assoc. Prof. Household Arts.*
*Veda R. Skillin, M. S., R. N., *Asst. Prof. Household Sci.*
*Grace Steininger, M. S., *Assoc. Prof. Household Sci.*
‡E. Faith Strayer, M. A., *Specialist in Child Development and Parent Ed.*
*Louise Whitchurch, M. A., *Asst. Prof. Household Arts.*
*Alma E. White, M. A., *Asst. Prof. Household Sci.*

Horticulture:

———, *Prof. and Head of Dept.*
*†F. B. Cross, M. S., *Prof. Pomol.; Pomol. Actg. Head of Dept.*
*†E. F. Burk, M. S., *Asst. Prof. and Veg. Gard.*
*†I. C. Haut, Ph. D., *Asst. Prof. and Asst. Hort. (Small Fruits and Ornamentals).*
‡R. O. Monosmith, B. S., B. L. A., *Asst. Ext. Hort.*
‡D. C. Mooring, M. S., *Ext. Hort.*
*F. J. Ruedel, B. S., *Asst. Prof. Flor. and Supt. of Greenhouses.*

Journalism (Agr.):

†‡C. E. Trout, M. S., *Editor.*
*G. F. Church, M. A., *Asst. Prof. Journalism.*
‡Duncan Wall, B. S., *Ext. Editor.*

Poultry Husbandry:

*†R. B. Thompson, B. S., *Prof. and Head of Dept.*
*†W. P. Albright, M. S., *Instr. and Asst. Poultry Husb.*
*†O. E. Goff, B. S., *Asst. in Poultry Husb.*
*†Lawrence Morris, M. S., *Asst. Prof. and Asst. in Poultry Husb.*
*†Robert Penquite, M. S., *Assoc. Prof. and Assoc. in Poultry Husb.*
†Cecil Roberts, B. S., *Supt. of Poultry Farms.*
‡H. G. Ware, M. S., *Ext. Poultryman.*

Miscellaneous:

†Velma Harned, B. S., *Libr.*

Colored Agricultural and Normal University, *Langston*

*Agricultural faculty. ‡Extension work.

*I. W. Young, A. M., *President.*
*W. E. Simms, B. S., *Dean of Agr.*

*R. W. Brown, M. S., *Biol.*
*Lenouliah E. Gandy, B. S., *Foods.*
*G. C. Hamilton, A. M., *Biol.*
*D. C. Jones, A. M., *Teacher Trainer in Voc. Agr.*
*W. L. Kennedy, M. S., *An. Husb.*
*R. E. Malone, A. M., *Agron. and Agr. Ed.*
*L. E. McGowan, B. S., *Clothing.*
‡Julia A. Miller, B. S., *Home Dem. Work.*
*L. G. Moore, M. S., *Chem.*
*Garvice S. Ricks, B. S., *Dir. Home Econ., Teacher Trainer.*
‡J. E. Taylor, B. S., *Agr. Ext. Work.*
*Henrietta L. Wright, A. B., L. S., *Libr.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

OREGON

Oregon State Agricultural College and the Agricultural Experiment Station, *Corvallis*

*College faculty. †Station staff. ‡Extension staff.

*W. J. Kerr, D. Sc., LL. D., *Chancellor of Higher Education (P. O., Eugene).*
*G. W. Peavy, M. S. F., *President of College.*
*A. B. Cordley, D. Sc., LL. D., *Dean Emeritus School of Agr.*
*†‡W. A. Schoenfeld, B. S., M. B. A., *Dean School of Agr., Dir. of Sta., Dir. of Federal Coop. Ext.*
†R. S. Besse, M. S., *Vice Dir. of Sta.*

ANIMAL INDUSTRIES:

*†P. M. Brandt, A. M., *in charge of Div.*

Animal Husbandry:

*†O. M. Nelson, M. S., *Prof. An. Husb.; An. Husb.*
‡H. A. Lindgren, B. S., *Ext. An. Husb.*
*†A. W. Oliver, M. S., *Asst. Prof. and Asst. An. Husb.*
*B. W. Rodenwold, M. S., *Asst. Prof. An. Husb.*

Dairy Husbandry:

*†P. M. Brandt, A. M., *Prof. Dairy Husb.; Dairy Husb. in charge.*
*H. N. Colman, B. S., *Asst. Prof. Dairy Husb.*
*†I. R. Jones, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡R. W. Morse, B. S., *Ext. Dairyman.*
*G. H. Wilster, Ph. D., *Prof. Dairy Mfg.*

Poultry Husbandry:

*†A. G. Lunn,[1] B. S., *Prof. Poultry Husb.; Poultry Husb.*
‡H. E. Cosby, *Ext. Poultryman.*
*†F. E. Fox, M. S., *Assoc. Prof. and Assoc. Poultry Husb.*
†F. L. Knowlton, M. S., *Poultry Husb.*

Veterinary Medicine:

*†B. T. Simms, D. V. M., *Prof. Vet. Med.; Vet.*
†E. M. Dickinson, D. V. M., *Asst. Poultry Path.*
†F. M. Bolin, D. V. M., *Asst. Vet. (Coop. U. S. D. A.).*
†Robert Jay, D. V. M., *Assoc. Vet. (Coop. U. S. D. A.).*
*†W. T. Johnson, B. S., D. V. M., *Prof. Vet. Med.; Poultry Path.*
*†O. H. Muth, D. V. M., *Instr. and Asst. Vet. (Coop. U. S. D. A.).*
†G. S. Ridgely, *Technician in Vet. Med.*
†O. L. Searcy, B. S., *Technician in Vet. Med.*
*†J. N. Shaw, B. S., D. V. M., *Asst. Prof. Vet. Med.; Asst. Vet.*

ECONOMICS (Agr.):

*†E. L. Potter, M. S., *in charge of Div. Prof. Agr. Econ.; Agr. Econ.*

Economics:

*M. N. Nelson, Ph. D., *Prof. Agr. Econ.*
‡L. R. Breithaupt, B. S., *Ext. Agr. Econ.*
‡Paul Carpenter, B. S., *Ext. Econ. in Mktg.*
*†W. H. Dreesen, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*P. V. Maris,[1] B. S., *Prof. Agr. Econ.*

ECONOMICS (Agr.)—Continued.

Economics—Continued.

‡H. H. White, B. S., *Asst. Ext. Agr. Econ.*

Farm Management:

*†H. D. Scudder, B. S., *Prof. Farm Mgt.; Farm Mgt.*
†H. E. Selby, M. S., *Assoc. Econ. (Farm Mgt.)*
*†G. W. Kuhlman, M. S., *Assoc. Prof. and Assoc. in Farm Mgt.*
*†A. S. Burrier, M. S., *Assoc. in Farm Mgt.*

PLANT INDUSTRIES:

*†G. R. Hyslop, B. S., *in charge of Div. Prof. Farm Crops; Agron.*

Farm Crops:

*†D. D. Hill, M. S., *Assoc. Prof. Farm Crops; Assoc. Agron.*
†Mrs. Grace C. Fleischman, A. B., *Asst. Bot. (Seed Invest.).*
‡E. R. Jackman, B. S., *Ext. Agron.*
†B. B. Robinson, Ph. D., *Asst. Plant Breeder (Coop. U. S. D. A.).*
†H. A. Schoth, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
†D. C. Smith, Ph. D., *Asst. Agron. (Coop. U. S. D. A.).*

Horticulture:

*†W. S. Brown, D. Sc., *Prof. Hort.; Hort.*
*†A. G. B. Bouquet, M. S., *Prof. Veg. Crops; Hort. (Veg. Crops).*
†Dennis Cooter, *Orchard Foreman.*
†G. A. Dew, *Garden Foreman.*
*†W. P. Duruz, Ph. D., *Prof. Pomol.; Pomol.*
†Henry Hartman, M. S., *Hort. (Pomol.).*
‡O. T. McWhorter, B. S., *Ext. Hort.*
†J. C. Moore, M. S., *Asst. Hort. (Pomol.).*
*†Thomas Onsdorff, B. S., *Asst. Prof. and Asst. Hort.*
*A. L. Peck, B. S., *Prof. Landsc. Arch. and Flor.*
†C. E. Schuster, M. S., *Hort. (Coop. U. S. D. A.).*
†G. F. Waldo, M. S., *Asst. Pomol. (Small Fruit Invest.: Coop. U. S. D. A.).*
*†E. H. Wiegand, B. S., *Prof. Hort. Products; Hort. (Products).*

Soils:

*†W. L. Powers, Ph. D., *Prof. Soils; Soil Sci.*
‡A. S. King, M. S., *Ext. Specialist in Soils.*
†M. R. Lewis, B. S., C. E., *Irrig. and Drainage Engin. (Coop. U. S. D. A.).*
*†C. V. Ruzek, M. S., *Prof. Soil Fert.; Soil Sci. (Fert.).*
*†R. E. Stephenson, Ph. D., *Assoc. Prof. and Assoc. in Soil Sci.*

[1] On leave.

PLANT INDUSTRIES—Continued.

Soils—Continued.

*†E. F. Torgerson, B. S., *Asst. Prof. and Asst. in Soil Sci.* (*Survey*).

Bacteriology:

*†G. V. Copson, M. S., *Prof. Bact.; Bact. in charge.*
*†W. B. Bollen, Ph. D., *Asst. Prof. and Asst. Bact.*
*D. B. Charlton, Ph. D., *Instr. Bact.*
*†J. E. Simmons, M. S., *Assoc. Prof. and Assoc. Bact.*

Botany and Plant Pathology:

*†C. E. Owens, Ph. D., *Prof. Bot. and Plant Path. Actg. Head of Dept.*
*W. M. Atwood, Ph. D., *Prof. Plant Physiol.*
†F. D. Bailey, M. S., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
†B. F. Dana, M. S., *Plant Path.* (*Coop. U. S. D. A.*).
†T. P. Dykstra, M. S., *Asst. Plant Path.* (*Coop. U. S. D. A.*).
*Helen M. Gilkey, Ph. D., *Assoc. Prof. Bot., Curator of Herbarium.*
†L. N. Goodding, B. S., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
†G. R. Hoerner, M. S., *Agt.* (*Coop. U. S. D. A.*).
*W. E. Lawrence, B. S., *Assoc. Prof. Plant Ecol.*
†F. P. McWhorter, Ph. D., *Plant Path.* (*Coop. U. S. D. A.*).
†P. W. Miller, Ph. D., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
†H. H. Millsap, *Agt.* (*Coop. U. S. D. A.*).
*Ethel I. Sanborn, Ph. D., *Assoc. Prof. Bot.*
†A. R. Sprague, Jr., Ph. D., *Asst. Plant Path.* (*Coop. U. S. D. A.*).
*T. E. Weier, Ph. D., *Instr. Bot.*
†S. M. Zeller, Ph. D., *Plant Path.*

Chemistry:

*†J. S. Jones, M. S., *Prof. Agr. Chem.; Chem. in charge.*
†D. E. Bullis, M. S., *Asst. Chem.* (*Hort. Products*).
†J. R. Haag, Ph. D., *Chem.* (*An. Nutr.*).
†M. B. Hatch, M. S., *Asst. Chem.*
†R. H. Robinson, M. S., *Chem.* (*Insect. and Fungicide*).

Editorial—See **Journalism.**

Education (Agr.):

*H. H. Gibson, A. M., *Prof. Agr. Ed.*
*O. K. Beals, B. S., *Critic Teacher in Agr. Ed.*

Engineering (Agr.):

*W. J. Gilmore, B. S. A. E., *Prof. Agr. Engin.*
†C. I. Branton, B. S. A. E., *Asst. Agr. Engin.*
*R. N. Lunde, B. S., *Asst. Prof. Agr. Engin.*
†F. E. Price, M. S., *Agr. Engin.*
*G. V. Skelton, C. E., *Prof. Highway Engin.*
*Clyde Walker, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:

*†D. C. Mote, Ph. D., *Prof. Ent.; Ent. in charge.*
*W. J. Chamberlin, Ph. D., *Assoc. Prof. Ent.*
†R. E. Dimick, M. S., *Asst. Ent.*
†W. D. Edwards, B. S., *Field Ent.*

Entomology—Continued.

†K. W. Gray, B. S., *Field Ent.*
†F. G. Hinman, M. S., *Junior Ent.* (*Coop. U. S. D. A.*).
†S. C. Jones, M. S., *Asst. Ent.*
†A. O. Larson, M. S., *Ent.* (*Coop. U. S. D. A.*).
*H. A. Scullen, Ph. D., *Assoc. Prof. Ent.* (*Bee Culture*).
†B. G. Thompson, M. S., *Asst. Ent.*

Extension (Admin.): [1]

Director Schoenfeld *in charge.*
‡F. L. Ballard, B. S., *Vice Dir.*
‡N. C. Donaldson, B. S., *State Compliance Supvr.* (*Wheat*).
‡Claribel Nye, M. A., *State Leader of Home Econ. Ext.*
‡H. C. Seymour, *State Club Leader.*
‡L. J. Allen, M. S., *Asst. State Club Leader.*
‡U. S. Burt, *Visual Ed. Specialist.*
‡Helen J. Cowgill, M. S., *Asst. State Club Leader.*
‡W. L. Teutsch, B. S., *Asst. County Agt. Leader.*

Home Economics:

*Ava B. Milam, A. M., *Dean School of Home Econ.*
*Florence E. Blazier, Ph. D., *Prof. and Head Dept. of Home Econ. Ed.*
*Alma C. Fritchoff, M. A., *Prof. and Head Dept. of Clothing, Textiles, and Related Arts.*
*Melissa Hunter, M. A., *Prof. and Head Dept. of Institution Econ.*
*Mrs. Sara. W. Prentiss,[2] M. A., *Prof. Child Development and Parent Ed., Head Dept. of Household Admin.*
*Mrs. Jessamine C. Williams, M. A., *Prof. and Head Dept. of Foods and Nutr.*
*Georgia C. Bibee, B. S., *Asst. Prof. Institution Econ.*
*Mrs. Vera H. Brandon, M. S., *Asst. Prof. Household Admin.*
*Margaret Brew, Ph. B., *Instr. Clothing, Textiles, and Related Arts.*
*‡Lucy A. Case, M. A., *Assoc. Prof. Foods and Nutr., Nutr. Specialist.*
*Mildred Chamberlain, Ph. B., *Assoc. Prof. Clothing, Textiles, and Related Arts.*
*Merle B. Davis, B. S., *Critic Teacher in Home Econ. Ed.*
*Ruth M. Forest, B. S., *Critic Teacher in Home Econ. Ed.*
*Evra A. Garrison, M. A., *Asst. Prof. Foods and Nutr.*
*Mrs. Mary K. Heiner, S. B., *Assoc. Prof. Household Admin.*
*Mrs. Frances W. Jonasson, B. S., *State Supvr. and Teacher Trainer in Voc. Home Econ. Ed.*
*Lura A. Keiser, B. S., *Critic Teacher in Home Econ. Ed.*
*Agnes M. Kolshorn, M. A., *Asst. Prof. Foods and Nutr.*
*‡Claribel Nye, M. A., *Prof. and State Leader Home Econ. Ext.*
*Mrs. Azalea L. Sager, M. A., *Assoc. Prof. Clothing, Textiles, and Related Arts.*
*Eleanor M. Spike, M. S., *Instr. Household Admin.*
*Gertrude Strickland, B. S., *Instr. Clothing, Textiles, and Related Arts.*
*Lillian C. Taylor, M. A., *Instr. Foods and Nutr.*
*Flora Thurston, M. A., *Actg. Prof. Child Development and Parent Ed.*
†Maud M. Wilson, A. M., *Home Econ. Research.*

---

[1] For subject-matter workers see the respective division; i. e., animal industries, etc.
[2] On leave.

Journalism:

*†‡C. D. Byrne, M. S., *Prof. Indus. Journalism and Dir. of Information (P. O., Eugene).*
*Ethel E. Allen, B. S., *Asst. Editor.*
*†‡J. C. Burtner, B. S., *Assoc. Dir. Coll. News Service; Agr. Press Editor.*
*C. J. McIntosh, B. S., *Prof. Indus. Editing.*
*F. M. Shideler, B. S., *Asst. Prof. Journalism.*
*†‡E. T. Reed, B. S., *Editor.*
*†‡D. M. Goode, B. A., *Assoc. Editor.*
*†‡Laura B. Heath, B. S., *Asst. Editor.*

Zoology:

*Nathan Fasten, Ph. D., *Prof. Zool.*
*Edith L. Benedict, M. A., *Instr. Zool.*
*K. L. Gordon, M. A., *Asst. Prof. Zool.*
‡S. G. Jewett, *Leader in Rodent Control (Coop. U. S. D. A.: P. O., Portland).*
*J. L. Osborn, A. M., *Instr. Zool.*

Miscellaneous:

*Lucy M. Lewis, A. B., B. L. S., *Libr.*
‡Mrs. Zelta F. Rodenwold, M. A., *Dir. Home Econ. Radio Programs.*

Branch Stations:

Eastern Oregon Branch Livestock Expt. Sta., *P. O., Union*—
D. E. Richards, B. S., *Supt.*
Harney Branch Expt. Sta., *P. O., Burns*—
Obil Shattuck, M. S., *Supt.*
R. E. Hutchison, B. S., *Asst. to Supt.*

Branch Stations—Continued.

Hood River Branch Expt. Sta., *P. O., Hood River*—
Leroy Childs, A. B., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
John Jacob Astor Branch Expt. Sta., *P. O., Astoria*—
H. B. Howell, B. S., *Supt.*
Medford Branch Expt. Sta., *P. O., Medford*—
W. W. Aldrich, Ph. D. *Asst. Hort. (Coop. U. S. D. A.).*
R. A. Work, B. S., *Assoc. Irrig. Engin. (Coop. U. S. D. A.).*
Pendleton Field Station, *P. O., Pendleton*—
D. E. Stephens, B. S., *Supt. (Coop. U. S. D. A.).*
G. A. Mitchell, B. S., *Actg. Supt. (Coop. U. S. D. A.).*
J. F. Martin, M. S., *Junior Agron. (Coop. U. S. D. A.).*
Sherman Branch Expt. Sta., *P. O., Moro*—
D. E. Stephens, B. S., *Supt. (Coop. U. S. D. A.).*
M. M. Oveson, M. S., *Asst. to Supt.*
R. B. Webb, M. S., *Junior Agron. (Coop. U. S. D. A.).*
Southern Oreg. Branch Expt. Sta., *P. O., Talent*—
F. C. Reimer, M. S., *Supt.*
L. G. Gentner, M. S., *Assoc. Ent.*
Umatilla Branch Expt. Sta., *P. O., Hermiston*—
H. K. Dean, B. S., *Supt.*

PENNSYLVANIA

School of Agriculture, Agricultural Experiment Station, and the Department of Home Economics of The Pennsylvania State College,[1] *State College*

*College faculty. †Station staff. ‡Extension staff.

*R. D. Hetzel, A. B., LL. D., Litt. D., *President.*
*†R. L. Watts, D. Agr., D. Sc., *Dean School of Agr., Dir. of Sta.*
*†S. W. Fletcher, Ph. D., *Vice Dean and Dir. of Research.*
‡M. S. McDowell, M. S., *Vice Dean and Dir. of Agr. Ext.*

Agronomy:

*†F. D. Gardner, B. S., *Head of Dept.*
*†C. O. Cromer, B. S., *Prof. Farm Crops.*
*†C. F. Noll, Ph. D., *Prof. Expt. Agron. and Supt. of Farms.*
*‡J. W. White, M. S., *Prof. Soil Tech.*
*†G. F. Brown, Ph. D., *Instr. Agron.*
*†J. S. Cobb, M. S., *Assoc. Prof. Agron.*
*‡J. B. R. Dickey, B. S., *Prof. Agron. Ext.*
*†F. J. Holben, M. S., *Asst. Prof. Soil Tech.*
*†C. J. Irvin, B. S., *Asst. Prof. Expt. Agron.*
*†C. D. Jeffries, M. S., *Asst. Prof. Soil Tech.*
*†F. G. Merkle, Ph. D., *Prof. Soil Tech.*
*†H. B. Musser, B. S., *Assoc. Prof. Expt. Agron.*
*†Otto Olson, *Assoc. Agron. (Coop. U. S. D. A.: P. O., Ephrata).*
*†A. L. Patrick,[2] Ph. D., *Prof. Soil Tech.*
*‡E. J. Walter, B. S., *Asst. Prof. Agron. Ext.*

Animal Husbandry:

*†F. L. Bentley, M. S., *Head of Dept.*
*‡C. A. Burge, M. S., *Asst. Prof. An. Husb. Ext.*
*‡W. B. Connell, M. S., *Prof. An. Husb. Ext. (Sheep).*
*†W. L. Henning, M. S., *Assoc. Prof. An. Husb. (Sheep).*

Animal Husbandry—Continued.

*†T. B. Keith, Ph. D., *Instr. An. Husb.*
*†P. C. MacKenzie, *Asst. in An. Husb.*
*‡L. C. Madison, B. S., *Assoc. Prof. An. Husb. Ext. (Swine).*
*†M. A. McCarty, M. S., *Assoc. Prof. An. Husb.*
*†J. F. Shigley, D. V. M., *Prof. Vet. Sci.*
*†P. T. Ziegler, M. S., *Prof. An. Husb.*

Animal Nutrition:

*†E. B. Forbes, Ph. D., *Head of Dept.*
*†Alex Black, M. S., *Instr. An. Nutr.*
*†W. W. Braman, M. S., *Assoc. Prof. An. Nutr.*
*†J. A. Fries, M. S., *Assoc. Prof. An. Nutr.*
*†O. J. Kahlenberg, M. S., *Instr. An. Nutr.*
*†Max Kriss,[2] M. S., *Assoc. Prof. An. Nutr.*
*†R. W. Swift, Ph. D., *Asst. Prof. An. Nutr.*
*†LeRoy Voris, A. B., *Instr. An. Nutr.*

Botany:

*†F. D. Kern, Ph. D., D. Sc., *Head of Dept. Dean of Grad. School.*
*†W. S. Beach, Ph. D., *Assoc. Prof. Plant Path. Research.*
*†Florence Brown, M. S., *Instr. Bot.*
*‡L. T. Denniston, B. S., *Instr. Plant Path. Ext.*

[1] This institution gives the academic title to all employees.
[2] On leave.

Botany—Continued.

*†J. B. Hill, Ph. D., *Prof. Bot.*
*†J. P. Kelly, Sc. D., *Prof. Bot.*
*‡R. S. Kirby, Ph. D., *Prof. Plant Path. Ext.*
*†D. A. Kribs, Ph. D., *Instr. Bot. (P. O., Mont Alto).*
*†E. L. Nixon, Ph. D., *Prof. Plant Path.*
*†L. O. Overholts, Ph. D., *Prof. Bot.*
*†H. W. Popp, Ph. D., *Assoc. Prof. Bot.*
*†J. W. Sinden, B. A., *Asst. Prof. Bot.*
*†H. W. Thurston, Jr., Ph. D., *Assoc. Prof. Plant Path.*
*†H. A. Wahl, M. S., *Instr. Bot.*
*‡G. L. Zundel, Ph. D., *Asst. Prof. Plant Path. Ext.*

Chemistry (Agr. and Biol.):

*†R. A. Dutcher, M. S., *Head of Dept.*
*†D. E. Haley, Ph. D., *Prof. Soil and Phytochem.*
*†A. K. Anderson, Ph. D., *Prof. Physiol. Chem.*
*†E. S. Erb, M. S., *Assoc. Prof. in charge Agr. Analyses; Met.*
*†D. E. H. Frear, M. S., *Instr. Agr. and Biol. Chem.*
*†N. B. Guerrant, Ph. D., *Assoc. Prof. Biol. Chem.*
*†J. E. Hunter, Ph. D., *Assoc. Prof. Agr. and Biol. Chem.*
*†C. O. Jensen, Ph. D., *Instr. Agr. and Biol. Chem.*
*†M. W. Lisse, Ph. D., *Prof. Biophys. Chem.*
*†F. J. McClure, Ph. D., *Instr. Agr. and Biol. Chem.*
*†R. C. Miller, Ph. D., *Instr. Agr. and Biol. Chem.*
*†J. J. Thomas, M. S., *Asst. in Agr. and Biol. Chem.*
*†Walter Thomas, D. Sc., *Prof. Phytochem.*
*†H. O. Triebold, Ph. D., *Assoc. Prof. Agr. and Biol. Chem.*

Dairy Husbandry and Bacteriology:

*†A. A. Borland, M. S., *Head of Dept.*
*†A. L. Beam, M. S., *Prof. Dairy Prod.*
*†S. I. Bechdel, Ph. D., *Prof. Dairy Prod.*
*†C. D. Dahle, M. S., *Prof. Dairy Mfrs.*
*†F. J. Doan, M. S., *Prof. Dairy Mfrs.*
*†M. A. Farrell, Ph. D., *Instr. Bact.*
*‡E. B. Fitts, B. S., *Prof. Dairy Husb. Ext.*
*‡C. R. Gearhart, B. S., *Asst. Prof. Dairy Husb. Ext.*
*†P. D. Jones, *Asst. in Dairy Husb.*
*†F. P. Knoll, *Asst. in Dairy Mfrs.*
*†M. H. Knutsen, M. S., *Prof. Bact.*
*‡J. C. Nageotte, B. S., *Asst. Prof. Dairy Husb. Ext.*
*‡R. H. Olmstead, M. S., *Assoc. Prof. Dairy Husb. Ext.*
*‡I. E. Parkin, B. S., *Asst. Prof. Dairy Husb. Ext.*
*†R. D. Reid, M. S., *Instr. Bact.*
*‡I. O. Sidelmann, *Asst. in Dairy Husb. Ext.*
*†J. A. Sperry, Ph. D., *Prof. Bact.*
*†W. D. Swope, M. S., *Prof. Dairy Husb.*
*‡R. R. Welch, M. S., *Asst. Prof. Dairy Husb. Ext.*
*†P. S. Williams, M. S., *Assoc. Prof. Dairy Husb.*

Economics (Agr.):

*†F. P. Weaver, Ph. D., *Head of Dept.*
*†W. V. Dennis, A. B., *Prof. Rural Sociol.*

Economics (Agr.)—Continued.

*‡M. J. Armes, B. S., *Instr. Farm Mgt. Ext.*
*†H. J. Bonser, M. S., *Asst. in Agr. Econ.*
*†T. K. Cowden, M. S., *Instr. Agr. Econ.*
*‡Willis Kerns, M. S., *Asst. Prof. Rural Sociol. Ext.*
*†F. F. Lininger, Ph. D., *Prof. Agr. Econ.*
*‡F. E. Manning, *Asst. in Agr. Econ. Ext.*
*†J. L. E. McCord,[1] M. S., *Prof. Farm Mgt. and Agr. Econ.*
*‡E. L. Moffitt, M. S., *Prof. Farm Mgt. Ext.*
*‡H. N. Reist, M. S., *Prof. Agr. Econ. Ext.*
*†D. H. Walter, M. S., *Asst. in Agr. Econ.*
*†P. I. Wrigley, M. S., *Asst. Prof. Agr. Econ.*

Editorial:

*‡E. H. Rohrbeck, M. S., *Agr. Ext. Editor.*

Education (Agr.):

*†H. G. Parkinson,[1] M. S., *Head of Dept.*
*†C. S. Anderson, Ph. D., *Prof. Agr. Ed.*
*†W. A. Broyles, Ph. D., *Prof. Agr. Ed. Actg. Head of Dept.*
*†J. W. Decker, B. S., *Instr. Agr. Ed.*
*†W. F. Hall, Ph. D., *Assoc. Prof. Agr. Ed.*
*‡W. R. White, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):

*†R. U. Blasingame, B. S., *Head of Dept.*
*†A. W. Clyde, M. S., *Assoc. Prof. Agr. Engin.*
*‡J. R. Haswell, C. E., *Prof. Agr. Engin. Ext.*
*†J. E. Nicholas, M. E., M. S., *Assoc. Prof. Agr. Engin.*
*†D. C. Sprague, M. S., *Instr. Agr. Engin.*
*†H. N. Stapleton, M. S., *Instr. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.): [2]

Director McDowell *in charge, and County Agt. Leader.*
*‡P. L. Edinger, M. S., *Asst. Dir.*
*‡J. M. Fry, B. S., *Asst. Dir.*
*‡H. G. Niesley, M. S., *Asst. Dir.*
*‡T. I. Mairs, M. S., *Prof. in charge Corresp. Courses.*
*‡A. L. Baker, M. S., *Prof. Agr. Ext. and State Club Leader.*
*‡Margaret Brown, B. S., *State Home Dem. Leader.*
*‡A. B. Bingham, M. S., *Asst. State Club Leader.*
*‡R. M. Decker, B. S., *Asst. State Club Leader.*
*‡Rosalind M. Jewett, B. S., *Asst. State Home Dem. Leader.*
*‡J. F. Keim, M. S., *Asst. State Club Leader.*
*‡C. P. Lang, B. S., *Asst. State Club Leader.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.

*‡Lora M. Pinder, M. A., *Asst. State Home Dem. Leader.*
*‡Laura Reynolds, *State Club Leader in Home Econ.*

Forestry:

*†J. A. Ferguson, M. A., M. F., *Head of Dept.*
*†V. A. Beede, B. A., M. F., *Asst. Prof. For. Mgt.*
*†Lowell Besley, B. S., M. F., *Instr. For.*
*‡W. I. Bull, B. S., *Instr. For. Ext.*
*†H. N. Cope, B. S., *Asst. Prof. For. (P. O., Mont Alto).*
*†O. M. Davenport, B. S., *Instr. For. (P. O., Mont Alto).*
*†J. L. Deen, Ph. D., *Asst. Prof. Silviculture.*
*†W. G. Edwards, M. S., *Prof. Lumbering.*
*†E. R. Martell, Ph. D., *Instr. For.*
*†A. C. McIntyre, M. S., *Instr. For. Research.*
*‡F. T. Murphey, B. S., *Prof. For. Ext.*
*†W. H. Pfeiffer, B. S., *Instr. For. (P. O., Mont Alto).*
*†O. W. Pflueger, B. S., M. F., *Instr. For. (P. O., Mont Alto).*
*†L. F. Smith, B. A., M. F., *Instr. For.*
*†W. E. White, Ph. D., *Asst. Prof. Wood Utilization.*

Home Economics:

*Edith P. Chace, M. A., *Dir. of Dept.*
*Florence L. Adolph, M. A., *Instr. Home Econ.*
*Jean D. Amberson, M. A., *Assoc. Prof. Home Econ. Ed.*
*Anne E. Boyd, M. A., *Assoc. Prof. Home Econ.*
*Alice M. Chubb, R. N., *Instr. Home Nursing.*
*Hatty R. Dahlberg, M. A., *Asst. Prof. Home Econ.*
*Mrs. Elisabeth W. Dye, M. A., *Assoc. Prof. Home Econ.*
*Ruth E. Graham, M. S., *Prof. Home Econ.*
*Edith V. Harding, B. S., *Asst. Prof. Home Econ.*
*‡Belle Hubbard, *Instr. Home Econ. Ext.*
*‡Mabel C. McDowell, M. A., *Instr. Home Econ. Ext.*
*Mrs. Marion S. McDowell, M. A., *Assoc. Prof. Home Econ.*
*‡F. Edith Morton, M. S., *Asst. Prof. Home Econ. Ext.*
*Ina Padgett, M. S., *Assoc. Prof. Home Econ.*
*Phyllis K. Sprague, M. S., *Assoc. Prof. Home Econ.*
*Dorothea L. Sulzbach, *Instr. Home Econ.*
*Louise G. Turner, M. A., *Prof. Home Econ. Ed.*
*N. Maude Vedder, M. A., *Assoc. Prof. Home Econ.*
*M. Elizabeth Westgate, M. A., *Assoc. Prof. Home Econ.*

Horticulture:

*†S. W. Fletcher, Ph. D., *Head of Dept.*
*†R. D. Anthony, Ph. D., *Prof. Pomol.*
*†F. N. Fagan, M. S., *Prof. Pomol.*

Horticulture—Continued.

*†C. E. Myers, Ph. D., *Prof. Plant Brdg.*
*†E. I. Wilde, Ph. D., *Prof. Ornamental Hort.*
*†G. H. Bowen, B. S., *Instr. Landsc. Arch.*
*†J. R. Bracken, B. S., M. L. A., *Prof. Landsc. Arch.*
*†W. S. Clarke, Jr., M. S., *Asst. in Pomol.*
*†A. F. Cooke, Jr., M. S., *Instr. Flor.*
*†F. W. Haller, *Asst. in Hort.*
*‡J. M. Huffington, B. S., *Asst. Prof. Veg. Gard. Ext.*
*†M. T. Lewis, M. S., *Asst. Prof. Plant Brdg.*
*†W. B. Mack, Ph. D., *Prof. Veg. Gard.*
*†R. P. Meahl, M. S., *Instr. Nursery Indus.*
*‡J. L. Mecartney, B. S., *Instr. Pomol. Ext.*
*‡W. B. Nissley, B. S., *Prof. Veg. Gard. Ext.*
*‡A. O. Rasmussen, B. S., *Instr. Ornamental Hort. Ext.*
*‡J. U. Ruef, M. S., *Prof. Pomol. Ext.*
*†G. J. Stout, Ph. D., *Instr. Veg. Gard.*
*†R. H. Sudds, M. S., *Asst. Prof. Pomol.*
*†W. W. Trainer, B. S., *Asst. Prof. Landsc. Construction.*
*†C. W. Wild, B. S., B. Arch., *Asst. Prof. Landsc. Arch.*

Poultry Husbandry:

*†H. C. Knandel, B. S., *Head of Dept.*
*†E. W. Callenbach, M. S., *Assoc. Prof. Poultry Husb.*
*‡C. O. Dossin, M. S., *Asst. Prof. Poultry Husb. Ext.*
*‡D. C. Henderson, M. S., *Asst. Prof. Poultry Husb. Ext.*
*‡H. H. Kauffman, M. S., *Asst. Prof. Poultry Husb. Ext.*
*†D. R. Marble, Ph. D., *Assoc. Prof. Poultry Husb.*
*†P. H. Margolf, *Asst. in Poultry Husb.*
*†R. R. Murphy, M. S., *Instr. Poultry Husb.*
*‡John Vandervort, B. S., *Prof. Poultry Husb. Ext.*

Zoology and Entomology:

*†E. H. Dusham, Ph. D., *Head of Dept.*
*‡E. J. Anderson, M. S., *Asst. Prof. Ent. Ext.*
*†R. D. Casselberry, M. S., *Assoc. Prof. Zool.*
*‡L. E. Dills, Ph. D., *Asst. Prof. Ent. Ext.*
*†S. W. Frost, Ph. D., *Prof. Econ. Ent. (P. O., Arendtsville).*
*†V. R. Haber, Ph. D., *Assoc. Prof. Zool.*
*‡H. E. Hodgkiss, B. S., *Prof. Ent. Ext.*
*†G. B. Newman, M. A., *Assoc. Prof. Zool.*
*‡E. A. Richmond, Ph. D., *Asst. Prof. Ent. Ext.*
*†C. A. Thomas, B. S., *Asst. Prof. Econ. Ent. (P. O., Kennett Square).*
*†H. M. Tietz, Ph. D., *Assoc. Prof. Zool.*
*†H. N. Worthley, M. S., *Assoc. Prof. Econ. Ent.*

Miscellaneous:

*†C. W. Smith, B. S., *Asst. in Photog.*
*†Elizabeth Beal, *Agr. Libr.*

PUERTO RICO

College of Agriculture and Mechanic Arts (*Mayaguez*), **the Agricultural Experiment Station, and the Extension Service** (*Rio Piedras*), **of the University of Puerto Rico,** *Rio Piedras*

*College faculty. †Station staff. ‡Extension staff.

*C. E. Chardon, M. S., *Chancellor of University.*
* H. G. Parkinson, M. S., *Dean Coll. of Agr. and Mech. Arts* (*P. O. Mayaguez*).
†F. A. López Domínguez, B. S., *Dir. of Sta.*
‡M. F. Barrus, Ph. D., *Dir. of Ext. Service.*

Agronomy:
*L. A. Izquierdo, M. S., *Assoc. Prof. and Head of Dept.*
*I. L. Torres, B. S., *Asst. Prof. Agron.*

Animal Husbandry and Veterinary Science:
*Samuel Basherov, M. S., *Prof. and Head of Dept.*
*A. A. Alvarez, V. M. D., *Assoc. Prof. Vet. Sci.*

Botany and Plant Pathology:
*R. A. Toro, M. S., *Prof. and Head of Dept.*
*Roberto Muñoz, B. S., *Instr. Bot. and Phytopath.*
*R. Rivera Valiente, B. S., *Instr. Bot.*

Chemistry:
*M. R. Diaz, M. S., *Prof. and Head of Dept.*

Chemistry—Continued.
*L. C. Monzón, B. S., *Asst. Prof. Chem.*
*I. R. Peña, B. S., *Instr. Chem.*
*F. J. Ramírez Silva, M. S., *Instr. Chem.*

Economics (Agr.).
*Raymond Wagner, M. A., *Asst. Prof. Agr. Econ.*

Extension (Admin.):
Director Barrus *in charge.*
‡Mary E. Keown, M. S., *Asst. Dir. in charge Home Dem. Work.*

Horticulture:
*H. T. Cowles, M. S., *Prof. and Head of Dept.*
*Edwin Mattei, B. S., *Instr. Hort.*

Zoology and Entomology:
*S. T. Danforth, Ph. D., *Prof. and Head of Dept.*

Agricultural Experiment Station of the University of Puerto Rico, *Rio Piedras*

†Station staff.

†F. A. López Domínguez, B. S., *Director.*

Chemistry:
†Rafael Arroyo, B. S., *Chem.*
†J. H. Ramírez, B. S., *First Anal. Chem.*
†H. Cruz Monclova, M. S., *Second Anal. Chem.*

Economics (Agr.):
†J. L. E. McCord, M. S., *Agr. Econ.*
†S. L. Descartes, M. S., *Asst. Agr. Econ.*

Engineering (Agr.):
†M. L. Vicente, C. E., M. E., *Engin.*
†José Adsuar, B. S., *Asst. Engin.*

Entomology:
†G. N. Wolcott, Ph. D., *Ent.*
†Francisco Seín, Jr., B. S., *Asst. Ent.*

Phytopathology:
†M. T. Cook, Ph. D., *Phytopath.*
†Arturo Roque-Pérez, M. S., *Asst. Phytopath.*

Phytotechnics:
†Pedro Richardson Kuntz, B. S., *Sugar Cane Specialist.*
†Fernando Chardon, B. S., *Tobacco Specialist.*
†Carlos Esteva, Jr., M. S., *Coffee Specialist (P. O., Mayaguez).*
†Vicente Medina, B. S., *Coffee Specialist.*

Phytotechnics—Continued.
†Ferdinand Méndez, B. S., *Coconut Specialist.*
†J. P. Rodríguez, B. S., *Cotton Specialist.*
†E. Molinary Salés, B. S., *Garden Truck and Legumes Specialist.*

Soils:
†J. A. Bonnet, M. S., *Soil Expert.*
†F. A. Villamil, B. S., *Soil Chem.*
†Leonardo Igaravidez, B. S., *Asst. Chem.*

Zootechnics:
†Frank Picó, B. S., *Zootechnician.*

Miscellaneous:
†J. I. Otero, *Libr.*
†Arturo Rivera, *Chief Clerk and Acct.*

Substations:
Isabela Substa., *P. O., Isabela*—
L. A. Serrano, B. S., *Agron. in charge.*
C. J. Clavell, Jr., B. S., *Asst. Agron.*
Arturo Riollano, B. S., *Minor Crop Specialist.*
Plant Propagation Substa., *P. O., Trujillo Alto*—
J. S. Simons, B. S., *Supt. in charge.*

Federal Experiment Station, *Mayaguez*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff.

†Atherton Lee, M. S., *Director*

†R. L. Davis, A. M., *Agron.*
†H. L. Van Volkenberg, D. V. M., M. S., *Parasitol.*
†A. Arroyo, *Ent. Preparator.*
†J. Brunet, B. S., *Minor Sci. Helper.*
†J. O. Carrero, B. S., Ch. E., *Asst. Chem.*
†A. Diaz, *Asst. Field Aide.*

RHODE ISLAND

School of Agriculture and Home Economics, Agricultural Experiment Station, and Extension Service of Rhode Island State College, *Kingston*

*College faculty. †Station staff. ‡Extension staff.

*R. G. Bressler, M. A., M. S., LL. D., Ed. D., Sc. D., *President.*
*†‡G. E. Adams, B. S., M. Agr., *Dean School of Agr. and Home Econ., Dir. of Sta., Dir. of Ext. Service.*
*†B. E. Gilbert, Ph. D., *Vice Dean and Dir. of Research.*
*†Margaret Whittemore, A. M., *Vice Dean in charge of Home Econ.*

AGRICULTURAL SCIENCE:

*†B. E. Gilbert, Ph. D., *Head of Dept.*

Biology:

†B. E. Gilbert, Ph. D., *Plant Physiol.*
*H. W. Browning, Ph. D., *Prof. Bot.*
*†L. E. Erwin, M. S., *Instr. and Asst. Bact. and Plant Path.*
*F. L. Howard, Ph. D., *Instr. Bot.*
†F. R. Pember, M. S., *Assoc. Plant Physiol.*
*J. C. Weldin, Ph. D., *Prof. Bact.*
*K. E. Wright, M. S., *Instr. Bot.*

Chemistry:

*†B. E. Gilbert, Ph. D., *Prof. Agr. Biochem.; Agr. Biochem.*
*†J. B. Smith, M. S., *Assoc. Prof. Agr. Chem.; Chem.*
†W. L. Adams, M. S., *Assoc. Chem.*
*R. K. Carleton, Ph. D., *Instr. Gen. Chem.*
*J. W. Ince, M. A., *Prof. Chem.*
†A. S. Knowles, Jr., *Junior Chem.*
†F. S. Schlenker, M. S., *Asst. Chem.*
*A. A. Vernon, Ph. D., *Instr. Phys. Chem.*
†D. R. Willard, B. S., *Asst. Chem.*

ANIMAL INDUSTRY:

*†‡H. O. Stuart, M. S., *Head of Dept. Prof. Poultry Husb.*
*‡J. E. Ladd, M. S., *Prof. Dairy Husb.*
*Howland Burdick, B. S., *Asst. Prof. Dairying.*
*†J. P. Delaplane, D. V. M., M. S., *Asst. Prof. and Asst. Poultry Husb.*
*†‡C. P. Hart, B. S., M. Agr., *Asst. Prof. and Asst. Poultry Husb.*

ECONOMICS (AGR.):

*†‡A. L. Walker, M. S., *Head of Dept.*
*†W. R. Gordon, B. S., *Prof. Rural Sociol.; Rural Sociol.*
†‡J. L. Tennant, Ph. D., *Assoc. Agr. Econ.*

HOME ECONOMICS:

*†Margaret Whittemore, A. M., *Vice Dean and Head of Dept.*
*Laura E. Andrews, A. M., *Assoc. Prof. Home Econ.*
*Dorothy Gatton, M. A., *Asst. Prof. Home Econ.*
†Mrs. Blanche M. Kuschke, M. S., *Asst. in Home Econ. Research.*
*Mrs. Alice T. McCauley, A. B., *Instr. Home Econ.*
*Mary R. Scott, B. S., *Instr. Home Econ.*
*Elisabeth Stillman, B. S., *Asst. Prof. Institutional Mgt.*
*Grace C. Whaley, B. E., *Prof. Teacher Training in Home Econ.*

PLANT INDUSTRY:

*†T. E. Odland, Ph. D., *Head of Dept.*

Agronomy:

*†T. E. Odland, Ph. D., *Prof. Agron.; Agron.*
†F. K. Crandall, M. S., *Asst. Agron.*
*‡L. A. Keegan, M. S., *Asst. Prof. Agron.*
*†H. C. Knoblauch, M. S., *Instr. and Asst. Agron.*
†H. F. A. North, M. S., *Asst. Agron.*

Horticulture:

†A. E. Stene, M. S., *Pomol.*
*†‡E. P. Christopher, Ph. D., *Asst. Prof. and Asst. Hort.*
*‡G. B. Durham, M. S., *Asst. Prof. Hort.*

Education (Agr.):

*G. H. Baldwin, B. S., *Prof. Teacher Training in Agr.*

Extension (Admin.):[1]

Director Adams *in charge, and County Agt. Leader.*
‡Sarah E. Coyne, B. S., *State Home Dem. Leader.*
‡L. F. Kinney, Jr., M. S., *State Club Leader.*

[1] For subject-matter workers see the respective division; i. e., agricultural science, animal industry, etc.

Physics:

*Nickolas Alexander, D. Eng., *Instr. Phys.*
*C. L. Coggins, B. S., *Asst. Prof. Phys.*

Zoology:

*John Barlow, M. A., D. Sc., *Prof. Zool.*
*R. A. DeWolf, M. S., *Instr. Zool.*

Zoology—Continued.

*H. M. Emery, M. S., *Asst. Prof. Zool. and Geol.*

Miscellaneous:

*†Hannah A. Birch, *Curator of Libraries.*
†W. J. Champlin, *Met.*

SOUTH CAROLINA

Clemson Agricultural College and the Agricultural Experiment Station.

Clemson College (**freight and express offices,** *Calhoun*)

*College faculty. †Station staff. ‡Extension staff.

*E. W. Sikes, Ph. D., LL. D., *President.*
*†R. A. McGinty, A. M., *Acty. Dean School of Agr., Actg. Dir. of Sta.*
‡D. W. Watkins, M. A., *Dir. of Ext. Service.*
*†G. H. Aull,[1] M. S., *Asst. Dir. of Sta.*

Agronomy:

*†H. P. Cooper, Ph. D., *Head of Dept.*
*J. W. Burdette, B. S., *Instr. Agron.*
*G. H. Collings, Ph. D., *Assoc. Prof. Agron.*
‡R. W. Hamilton, B. S., *Specialist in charge Ext. Agron.*
‡S. L. Jeffords, B. S., *Forage Crops Specialist* (*P. O., Spartanburg*).
‡H. A. McGee, B. S., *Tobacco Specialist* (*P. O., Florence*).
*G. B. Nutt, B. S., *Assoc. Prof. Agr. Engin.*
†W. R. Paden, Ph. D., *Assoc. Agron.*
†T. C. Peele, Ph. D., *Assoc. Soil Tech.*
†B. E. G. Prichard, B. S., *Asst. in Agron.*
†W. B. Rogers, B. S., *Asst. Agron.*

Animal Husbandry:

*†‡L. V. Starkey, M. S., *Head of Dept.*
‡A. L. DuRant, M. S., *Livestock Specialist* (*P. O., Florence*).
†E. G. Godbey, B. S., *Assoc. An. Husb.*
‡J. R. Hawkins, M. S., *Livestock Specialist* (*P. O., Columbia*).
*R. R. Ritchie, B. S., *Instr. An. Husb.*

Botany and Bacteriology:

*†G. M. Armstrong, Ph. D., *Head of Dept.* (*State Path.*).
†C. H. Arndt, Ph. D., *Assoc. Bot. and Plant Path.*
*†W. B. Aull, B. S., *Assoc. Prof. and Assoc. Bact.*
†C. C. Bennett, B. S., *Lab. Asst. in Bot. and Bact.*
*M. A. Rice, M. S., *Asst. Prof. Bot.*
*D. B. Rosenkrans, M. A., *Assoc. Prof. Bot.*

Chemistry (Agr.):

*F. H. H. Calhoun, Ph. D., *Dean School of Chem. and Geol.*
*R. N. Brackett, Ph. D., *Lect. in Chem.*
*P. P. Carodemos, Ph. D., *Assoc. Prof. Chem.*
*H. L. Hunter, Ph. D., *Assoc. Prof. Chem.*
†W. B. Keller, B. S., *Asst. in Chem.*
*W. L. Lippincott, B. Ch., *Prof. Chem.*
*†J. H. Mitchell, M. S., *Prof. Chem.; Chem.*
*F. H. Pollard, Ph. D., *Prof. Chem.*
*B. F. Robertson, B. S., *Chem. in Fert. Control.*
†D. B. Roderick, B. A., *Asst. Chem.*
*F. W. zurBurg, M. S., *Asst. Prof. Chem.*

Dairy Husbandry:

*†J. P. La Master, M. S., *Head of Dept.*
‡C. G. Cushman, B. S., *Specialist in charge Dairy Ext.*

Dairy Husbandry—Continued.

†E. C. Elting, A. M., *Assoc. Dairyman.*
*B. E. Goodale, M. S., *Assoc. Prof. Dairying.*
†J. R. Moss, B. S., *Supt. Advanced Registry Testing.*

Economics (Agr.):

*†G. H. Aull,[1] M. S., *Head of Dept.*
‡O. M. Clark, M. S., *Econ. and Farm Mgt. Specialist.*
‡T. A. Cole, B. S., *Mktg. Specialist* (*P. O., Columbia*).
*†Marvin Guin, B. S., *Asst. Prof. and Asst. Agr. Econ.*
‡Jane Ketchen, *Mktg. Specialist* (*P. O., Rock Hill*).
*W. H. Mills, A. B., B. D., *Prof. Rural Sociol.*
‡G. E. Prince, B. S., *Chief Div. of Markets* (*Coop. U. S. D. A.; P. O., Columbia*).
†B. A. Russell, M. S., *Asst. Agr. Econ.*
‡E. H. Talbert, B. S., *Mktg. Specialist* (*P. O., Columbia*).
‡D. W. Watkins, M. A., *Chief Agr. Econ. Ext.*
†H. A. White, B. S., *Asst. Agr. Econ.* (*Coop. U. S. D. A.*).
*†‡B. O. Williams, M. S., *Actg. Head of Dept.*

Editorial:

†‡A. B. Bryan, B. S., B. Litt., *Agr. Editor and Chief Div. of Pubs.*

Education (Voc.):

*W. H. Washington, M. S., *Dean of Voc. Ed.*
*W. G. Crandall, B. S., *Prof. Voc. Ed.*
*T. L. Ayers, M. A., *Assoc. Prof. Voc. Ed.*
*J. L. Brock, B. S., *Instr. Voc. Ed.*
*W. E. Johnson, B. S., *Asst. Prof. Agr. Ed.* (*P. O., Seneca*).
*B. A. Klutts, B. S., *Asst. Prof. Agr. Ed.* (*P. O., Central*).
*Verd Peterson, M. S., *Consult. Prof. Agr. Ed.* (*P. O., Columbia*).
*H. S. Tate, M. A., *Asst. Prof. Voc. Ed.*

Entomology—See **Zoology.**

Extension (Admin.) [2]

Director Watkins *in charge and State Agt.*
‡Lonny I. Landrum, B. S., *State Home Dem. Agt.* (*P. O., Rock Hill*).
‡Mrs. Harriett F. Johnson, A. M., *State Club Agt.* (*P. O., Rock Hill*).
‡Harriette B. Layton, *Asst. State Home Dem. Agt.* (*P. O., Rock Hill*).

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.
‡I. D. Lewis, M. S., *Asst. State Club Agt.*
‡T. L. Vaughan, B. S., *Asst. State Club Agt.*

Home Economics:
†Mary E. Frayser, M. A., *Home Econ. (P. O., Rock Hill).*
‡Mary S. Gilliam, B. S., *Clothing Specialist (P. O., Rock Hill).*
†Ada M. Moser, M. S., *Research Specialist in Home Econ. (P. O., Rock Hill).*
‡Juanita Neely, A. B., *Actg. Ext. Nutr. (P. O., Rock Hill).*
‡Mrs. Dora D. Walker, A. B., *Prod. and Conservation Specialist (P. O., Rock Hill).*

Horticulture:
*†A. M. Musser, B. S., *Actg. Head of Dept.*
*F. S. Andrews, M. S., *Assoc. Prof. Hort.*
*C. C. Newman, B. S., *Prof. Hort.*
‡E. H. Rawl, M. S., *Ext. Hort. in charge.*
‡A. E. Schilletter, B. S., *Ext. Hort.*

Poultry Husbandry:
*†C. L. Morgan, M. S., *Head of Dept.*
‡P. H. Gooding, Jr., M. S., *Poultry Specialist.*

Veterinary Science:
*†R. O. Feeley, D. V. S., *Prof. Vet. Sci.; Consult. Vet.*

Zoology and Entomology:
*†Franklin Sherman, M. S., *Head of Dept. (State Ent.).*
†J. A. Berly, B. S., *Asst. State Ent.*
†O. L. Cartwright, M. S., *Assoc. Ent.*
*David Dunavan, M. S., *Asst. Prof. Zool. and Ent.*

Zoology and Entomology—Contd.
‡W. C. Nettles, M. S., *Ext. Ent.*
‡E. S. Prevost, *Beekeeping Specialist.*
*R. E. Ware, B. S., *Instr. Zool. and Ent.*
†J. G. Watts, M. S., *Asst. in Ent.*

Miscellaneous:
*Cornelia A. Graham, *Libr.*
*†‡S. W. Evans, *Treas.*
†C. S. Patrick, B. S., *Head of Farms Dept.*

Substations:
Coast Expt. Sta., *P. O., Summerville*—
E. D. Kyzer, B. S., *Supt.*
T. M. Clyburn, B. S., *Agt. (Coop. U. S. D. A.).*
Pee Dee Expt. Sta., *P. O., Florence*—
E. E. Hall, M. S., *Supt.*
W. B. Albert, Ph. D., *Assoc. Plant Physiol.*
F. F. Bondy, B. S., *Asst. Ent. in charge Boll Weevil Control (Coop. U. S. D. A.).*
W. M. Lunn, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
Sandhill Expt. Sta., *R. 5, Columbia*—
J. A. Riley, M. S., *Supt.*
J. E. Adams, M. S., *Assoc. Soil Tech. (Coop. U. S. D. A.).*
E. W. Faires, *Agt. in Dairying (Coop. U. S. D. A.).*
E. C. Roller, Ph. D., *Asst. Chem. (Coop. U. S. D. A.).*
L. E. Scott, M. S., *Asst. Hort. (Coop. U. S. D. A.).*
R. W. Wallace, B. S., *Asst. Agron.*
Truck Expt. Sta., *Box 377, Charleston*—
W. D. Moore, Ph. D., *Actg. Supt. and Assoc. Path. (Coop. U. S. D. A.).*
J. M. Jenkins, Jr., M. S., *Asst. Hort.*
W. J. Reid, Jr., B. S., *Asst. Ent. (Coop. U. S. D. A.).*

Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina, *Orangeburg*

*College faculty. ‡Extension staff.

*M. F. Whittaker, M. S., Arch., *President.*
*W. M. Buchanan, M. S., *Dean Agr. Dept. Prof. Agr. Ed.*

‡J. P. Burgess, B. S., *Itinerant Teacher Trainer (Agr.).*
‡H. E. Daniels, B. S., *Supvr. Agr. Ext. Work.*
*K. W. G. Donma, B. S., *Prof. Poultry Husb.*
*E. J. Ferguson, Jr., M. S., *Prof. Biol.*
*Florella Fordham, R. N., *Instr. Hyg.*
*Marian J. Gardiner, M. S., *Dean Div. of Home Econ.*
*W. C. Hurley, B. S., *Instr. Voc. Agr.*
*Athelma R. Nix, B. S., *Libr.*
‡Marian B. Paul, B. S., *Supvr. Home Dem. Work.*
‡Mattie E. Pegues, B. S., *Itinerant Teacher Trainer (Home Econ.).*
*S. M. Pinckney, B. S., *Assoc. Prof. Field Crops.*
*LaVerte Reed, B. S., *Assoc. Prof. Clothing.*
*A. W. Shute, M. S., *Prof. Agr. Econ. and Dairying.*
*Mrs. Beulah S. Shute, B. S., *Prof. Foods and Nutr.*
*‡W. W. Wilkins, B. S., *Prof. Agr. Engin.*

SOUTH DAKOTA

South Dakota State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Brookings*

*College faculty. †Station staff. ‡Extension staff.

*C. W. Pugsley, B. S., D. Agr., *President.*
*G. L. Brown, Ph. D., LL. D., *Vice Pres. and Dean.*
*C. Larsen, M. S., *Dean Div. of Agr.*
*†J. W. Wilson, M. S., LL. D., *Dir. of Sta.*
‡A. M. Eberle, B. S., *Dir. of Ext. Service.*
*†‡R. A. Larson, *Secy.*

Agronomy:
*†A. N. Hume, Ph. D., *Head of Dept. Supt. of Substas.*
*†J. G. Hutton, M. S., *Assoc. Prof. and Assoc. Agron.*

Agronomy—Continued.
*†Matthew Fowlds, B. S., *Instr. and Asst. Agron.*
*†C. J. Franzke, B. S., *Instr. and Asst. in Agron. (Crops).*

Agronomy—Continued.

*†K. H. Klages, Ph. D., *Assoc. Prof. and Assoc. Agron.*
‡R. E. Johnston, B. S., *Ext. Agron.*
‡W. J. Leary, B. S., *Asst. Ext. Agron.*
*†L. F. Puhr, M. S., *Asst. Prof. and Asst. Agron.*

Animal Husbandry:

*†J. W. Wilson, M. S., LL. D., *Head of Dept.*
*†F. U. Fenn, M. S., *Instr. and Asst. An. Husb.*
‡I. B. Johnson, M. A., *Livestock Specialist.*
*†T. R. H. Wright, B. S., *Assoc. Prof. and Assoc. An. Husb.*

Botany, Plant Pathology, and Bacteriology:

*W. L. Miller, Ph. D., *Head of Dept. Prof. Bot. and Plant Path.*
*E. A. Walker, M. S., *Asst. Prof. Bact. and Plant Path.*

Chemistry:

*B. A. Dunbar, A. M., *Head of Coll. Dept.*
†K. W. Franke, Ph. D., *Sta. Chem.*
*E. R. Binnewies, M. S., *Assoc. Prof. Chem.*
*L. S. Guss, M. S., *Instr. Chem.*
†A. L. Moxon, B. S., *Analyst.*

Dairy Husbandry:

*†T. M. Olson, M. S., *Head of Dept.*
‡Gerald Heebink, M. S., *Dairy Specialist.*
*C. C. Totman, B. S., *Instr. Dairy Husb.*
*†G. C. Wallis, Ph. D., *Instr. and Asst. Dairy Husb.*

Economics (Agr.):

*†‡S. E. Johnson,[1] M. S., *Head of Dept.*
†Poul Christophersen, *Agr. Statistician.*
*†T. H. Cox, Ph. D., *Asst. Prof. and Asst. Agr. Econ.*
*†C. M. Hampson, M. S., *Asst. Prof. and Asst. Agr. Econ.*
*†‡Gabriel Lundy, M. S., *Asst. Prof. and Asst. Agr. Econ. Actg. Head of Dept.*
*†O. A. Negaard, B. S., *Asst. Prof. and Asst. Agr. Econ.*
‡T. S. Thorfinnson, M. S., *Ext. Econ. in Farm Mgt.*
*†R. B. Westbrook, M. A., *Asst. Prof. and Asst. Agr. Econ.*

Editorial—See **Journalism.**

Education (Agr.):

*C. R. Wiseman, Ph. D., *Head of Dept.*
*D. J. Daniels, B. S., *Asst. in Agr. Ed.*

Engineering (Agr.):

*†‡R. L. Patty, B. S. A. E., *Head of Dept.*
*F. H. Andrews, *Instr. Agr. Engin.*
*J. A. Bonell, *Asst. Prof. Agr. Engin.*
*L. W. Minium, B. S., *Instr. Agr. Engin.*
*†D. E. Wiant, B. S. in A. E., *Instr. and Asst. Agr. Engin.*

Entomology—Zoology:

*†H. C. Severin, M. A., *Head of Dept.*
‡R. O. Bulger, M. S., *Leader Barberry Erad. (Coop. U. S. D. A.).*
*†G. I. Gilbertson, M. S., *Assoc. Prof. and Asst. Ent.*
*Nelle A. Hartwig, M. S., *Instr. Ent.-Zool.*

Extension (Admin.):[2]

Director Eberle *in charge.*
‡R. D. Davies, B. S., *County Agt. Leader.*
‡Nora M. Hott, M. S., *State Home Dem. Leader.*
‡H. M. Jones, B. S., *State Club Leader.*
‡Beulah M. Rodgers, B. S., *Asst. State Club Leader.*
‡A. D. Ellison, B. S., *Dist. Supvr.*
‡S. W. Jones, M. S., *Rural Organ. Specialist and Radio Program Dir.*
‡Clarence Shanley, B. S., *Dist. Supvr.*

Home Economics:

*†Edith M. Pierson, M. S., *Dean of Div., Prof. Home Econ.*
*Mabel E. Bryan, B. S., *Instr. Home Econ.*
‡Mary A. Covert, B. E., *Home Mgt. Specialist.*
‡Mary A. Dolve, M. A., *Ext. Nutr.*
*Muriel D. Furgason, B. S., *Asst. in Home Econ. Ed.*
*†Minerva Kellogg, M. S., *Assoc. Prof. Home Econ.*
*Laura J. McArthur, B. S., *Asst. Prof. Home Econ.*
*Alice Rosenberger, M. A., *Asst. Prof. Home Econ.*
*Amanda Rosenquist, M. A., *Asst. Prof. Home Econ.*
†Jeanette E. Ross, M. S., *Research Chem.*
‡Susan Z. Wilder, M. A., *Ext. Nutr.*
*Helen A. Young, B. S., *Instr. Child Development.*
*Marion Yule, B. S., *Asst. in Home Econ.*

Horticulture and Forestry:

*†N. E. Hansen, Sc. D., *Head of Dept. Vice Dir. of Sta.*
‡A. L. Ford, M. S., *Ext. Hort. and Ent.*
*P. L. Keene, M. S., *Asst. Prof. Hort.*

Journalism (Rural):

*†A. A. Applegate, M. A., *Prof. Rural Journalism and Editor.*
*†‡E. R. Bales, B. S., *Instr. and in charge Photog.*
‡S. H. Reck, Jr., B. S., *Ext. Editor.*
‡G. H. Thompson, A. B., *Asst. Ext. Editor.*

Physics:

*H. B. Mathews, M. S., *Prof. Phys.*
*R. E. Reinhart, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:

*†W. C. Tully,[1] M. S., *Head of Dept.*
*†W. E. Poley, Ph. D., *Actg. Head of Dept.*
‡O. J. Weisner, B. S., *Ext. Poultryman.*

Sociology (Rural):

*†W. F. Kumlien, M. S., *Head of Dept.*
*†J. P. Johansen, Ph. D., *Asst. Prof. and Asst. in Rural Sociol.*

Veterinary Science:

*C. C. Lipp, D. V. M., *Head of Dept.*
*†J. B. Taylor, V. M. D., *Asst. Vet.*
‡G. S. Weaver, V. S., *Ext. Vet.*

Zoology—See **Entomology.**

Substations:

A. N. Hume, Ph. D., *in charge.*
Cottonwood—Edgar Joy, *Foreman.*
Eureka—Walter Schonbrod, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
Vivian—Frank Hussey, *Foreman.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

TENNESSEE

College of Agriculture and the Agricultural Experiment Station of the University of Tennessee, *Knoxville*

*College faculty. †Station staff. ‡Extension staff.

*H. A. Morgan,[1] B. S., LL. D., *President of University.*
*J. D. Hoskins, LL. D., Litt. D., *Actg. President.*
*C. A. Willson, M. S., M. Agr., *Dean Coll. of Agr.*
†C. A. Mooers, B. S., *Dir. of Sta.*
‡C. A. Keffer, M. H., *Dir. of Agr. Ext.*

Agronomy:

Director Mooers, *Sta. Agron.*
*O. W. Dynes, M. S., *Prof. Agron.*
*A. G. Burg, M. S., *Asst. Prof. Agron.*
†J. G. Faulkner, *Plot Asst.*
†L. S. Mayer, M. S., *Asst. Agron. in charge Corn Invest.* (*Coop. U. S. D. A.*).
‡R. H. Milton, B. S., *Asst. Agron. in charge Tobacco Work* (*P. O., Nashville*).
†H. P. Ogden, B. S., *Assoc. Agron.*

Animal Husbandry:

*†Moses Jacob, V. M. D., *Head of Dept.*
‡A. J. Chadwell, B. A., *Poultry Specialist.*
*W. R. DeMoss, M. A., *Instr. An. and Dairy Husb.* (*P. O., Martin*).
*H. R. Duncan, M. S., *Assoc. Prof. An. Husb.*
‡C. C. Flanery, M. A., *Sheep Husb. Specialist* (*P. O. Nashville*).
*B. J. McSpadden, M. S., *Asst. Prof. Poultry Husb.*
‡L. A. Richardson, B. S., *An. Husb. Specialist.*
‡J. C. Snow, B. S., *Asst. Livestock Mktg. Specialist* (*P. O., Nashville*).

Bacteriology:

*†P. W. Allen, Ph. D., *Head of Dept.*
*G. M. Cameron, Ph. D., *Asst. Prof. Bact.*

Botany:

*L. R. Hesler, Ph. D., *Head of Coll. Dept.*
†S. H. Essary, M. S., *Head of Sta. Dept.*
†N. I. Hancock, B. S., *Asst. Bot.*
*H. M. Jennison, Ph. D., *Prof. Bot.*
*J. P. Porter, M. S., *Instr. Bot.*
*A. J. Sharp, M. S., *Instr. Bot.*
†S. E. Shipe, *Asst. in Bot.*

Chemistry:

*C. O. Hill, Ph. C., M. S., *Head of Coll. Dept.*
†W. H. MacIntire, Ph. D., *Head of Sta. Dept.*
*J. A. Bacon, Jr., M. S., *Instr. Chem.*
*C. A. Buehler, Ph. D., *Prof. Chem.*
*J. H. Robertson, Ph. D., *Prof. Chem.*
†Brooks Robinson, B. S., *Asst. Soil Chem.*
†K. B. Sanders, M. S., *Asst. Soil Chem.*
*Edward Schmidt, Ph. D., *Assoc. Prof. Chem.* (*P. O., Martin*).
†W. M. Shaw, M. S., *Assoc. Soil Chem.*
†G. A. Shuey, B. S., *Assoc. Chem.*
*W. T. Smith, Jr., Ph. D., *Asst. Prof. Chem.*
†E. K. Weathers, A. M., *Asst. Biochem.*
*J. H. Wood, M. S., *Instr. Chem.*
†J. B. Young, B. A., *Asst. Soil Chem.*

Dairy Husbandry:

*C. E. Wylie, M. A., *Head of Dept.*
‡L. S. Edwards, B. S., *Dairy Mfg. Specialist* (*P. O., Nashville*).
*T. B. Harrison, B. S., *Asst. Prof. Dairying.*
*S. A. Hinton, M. S., *Instr. Dairying.*
‡C. A. Hutton, B. S., *Ext. Dairyman.*
‡G. N. Tobey, *Asst. Dairy Specialist.*

Economics (Agr.):

*†C. E. Allred, M. S., *Head of Dept.*
†S. W. Atkins, M. S., *Asst. Agr. Econ.*
†P. B. Boyer, B. Ph., *Asst. Agr. Econ.*
‡F. W. Colby, B. S., *Asst. Mktg. Specialist.*
*C. E. Gatlin, M. S., *Asst. Prof. Econ.* (*P. O., Martin*).
*T. W. Glocker, Ph. D., *Prof. Econ. and Sociol.*
†G. H. Hatfield, M. S., *Asst. Agr. Econ.*
‡H. C. Holmes, B. S., *Asst. Farm Mgt. Specialist.*
‡A. L. Jerdan, M. S., *Mktg. Specialist.*
‡T. F. Joyce, Jr., B. S., *Asst. Farm Mgt. Specialist.*
‡J. H. McLeod, M. S., *Farm Mgt. Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*
‡J. C. Powell, M. S., *Asst. Ext. Econ. in Mktg.*
‡Isadora Williams, B. A., *Asst. Mktg. Specialist.*

Editorial:

‡A. J. Sims, *Ext. Editor.*

Education (Agr.):

*N. E. Fitzgerald, B. S. Ed., M. S., *Head of Dept.*
*J. W. Brimm, B. S., *Instr. Agr. Ed.*
*J. B. Kirkland, B. S., *Instr. Agr. Ed.*
*A. L. Rubin, M. S., V. M. D., *Asst. Prof. Agr. Ed.*
*E. D. Stivers, M. S., *Prof. Agr. Ed.*

Engineering (Agr.):

*K. L. Hertel, B. E., Ph. D., *Assoc. Prof. Phys.*
*S. R. Woods, B. S. E. E., *Asst. Prof. Indus. Arts* (*P. O., Martin*).
†M. G. Zervigon, B. S. E. E., *Asst. Physicist.*

Entomology:

*G. M. Bentley, M. S., *Head of Coll. Dept.* (*State Ent.*).
†Simon Marcovitch, Ph. D., *Head of Sta. Dept.*
*L. C. Marston, Jr., M. S., *Instr. Ent.*
†W. W. Stanley, M. S., *Asst. Ent.*
*R. G. Turner, B. S., *Assoc. Prof. Biol.* (*P. O., Martin*).

Extension (Admin.):[2]

Director Keffer *in charge.*
‡C. E. Brehm, B. S., *Asst. Dir.*
‡H. S. Nichols, B. S., *State Ext. Agt.*
‡Margaret A. Ambrose, *Asst. Home Dem. Dir.*
‡G. L. Herrington, B. S., *Boys' Club Leader.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Forestry—See **Horticulture.**

Geology:

*G. M. Hall, Ph. D., *Head of Dept.*
*H. C. Amick, M. A., *Asst. Prof. Geol.*
*L. H. Rollins, M. S., *Instr. Geol.*
*J. G. Walls, A. M., *Instr. Geol.*

Home Economics:

*Jessie W. Harris, M. A., *Head School of Home Econ.*
*Ida A. Anders, M. S., *Prof. Home Econ. (Textiles and Clothing).*
*E. Jeannette Biggs, M. S., *Instr. Home Econ. (Foods and Nutr.).*
*Mayme R. Buckley, M. A., *Asst. Prof. Home Econ. (Foods).*
*Beulah Carl, M. A., *Assoc. Prof. Home Econ. (P. O., Martin).*
*Ura V. Crowe, M. S., *Instr. Home Econ. (Ed.).*
*Ella J. Day, Ph. D., *Prof. Home Econ. (Child Development).*
‡Maude L. Guthrie, M. A., *Nutr. Specialist.*
*Louise Henderson, A. M., *Instr. Home Econ. (Child Development).*
*Mary E. Innes, B. S., *Instr. Home Econ. (Textiles and Clothing).*
‡Lillian L. Keller, *Household Mgt. Specialist.*
*†Florence L. MacLeod, Ph. D., *Assoc. Prof. Home Econ. (Nutr.); Home Econ.*
*Neta B. McFee, M. S., *Asst. Prof. Child Care (P. O., Martin).*
*Letty B. Mitchell, M. A., *Asst. Prof. Home Econ. (Ed.).*
*Amy P. Morse, M. A., *Assoc. Prof. Home Econ. (Related Art).*
*Mrs. Elisabeth L. Speer, M. A., *Asst. Prof. Home Econ. (Home Mgt.).*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Specialist.*

Horticulture:

*N. D. Peacock, M. S., *Head of Coll. Dept.*
†B. D. Drain, Ph. D., *Head of Sta. Dept.*
*K. H. Beach, B. S., *Asst. Hort.*

Horticulture—Continued.

*C. C. Cravens, M. S., *Assoc. Prof. Hort. (P. O., Martin).*
†E. M. Henry, B. S., *Asst. Hort.*
*Otha Ogle, *Foreman of Fruit Farm.*
‡W. C. Pelton, M. S., *Hort. Specialist.*
‡G. B. Shivery, B. S., M. F., *Farm For. Specialist.*
†C. R. Spangler, *Asst. in Hort.*
*A. B. Strand, M. S., *Instr. Hort.*

Plant Pathology:

†C. D. Sherbakoff, Ph. D., *Head of Dept.*
†J. O. Andes, M. A., *Asst. Plant Path.*
†E. S. Brown, *Asst. in Plant Path.*
†G. M. Stone, M. S., *Asst. Plant Path.*
†J. K. Underwood, M. S., *Asst. Plant Path.*

Veterinary Science:

*†Moses Jacob, V. M. D., *Prof. Vet. Sci.; Vet.*

Zoology:

*E. B. Powers, Ph. D., *Head of Dept.*
*G. A. Canning, Ph. D., *Asst. Prof. Zool.*
*Thressa A. Hickman, A. M., *Instr. Zool.*
*B. C. V. Ressler, M. S., *Asst. Prof. Zool.*
*Lula M. Shipe, M. S., *Instr. Zool.*

Miscellaneous:

*†F. H. Broome, *Secy.*
*W. A. Campbell, *Farm Supt.*
*†Sarah C. Currell, B. L. S., M. A., *Libr.*
‡Florence D. McTeer, *Ext. Secy.*

Substations:

Mericourt Expt. Sta., *P. O., Clarksville*—Lester Weakley, *Asst.*
Middle Tenn. Expt. Sta., *P. O., Columbia*—L. R. Neel, B. S., *Supt.*
Tobacco Expt. Sta., *P. O., Greeneville*—F. S. Chance, B. S., *Supt.*
West Tenn. Expt. Sta., *P. O., Jackson*—B. P. Hazlewood, M. S., *Supt.*

Tennessee Agricultural and Industrial State College, *Nashville*

*Agricultural faculty.

*W. J. Hale, A. M., *President.*

*Martha M. Brown, *Libr.*
*C. A. Bruce, B. S., *Manual Arts.*
*W. S. Davis, M. S., *Truck Gard. and Applied Agr.*
*Mrs. Jane E. Elliott, *Applied Dom. Sci.*
*T. H. Fitzpatrick, *Veg. Gard.*
*Mrs. Hattie E. Hale, A. M., *Asst. in Teacher Training.*
*W. J. Hale, Jr., M. A., *Rural Ed.*
*J. L. Jones, Ph. D., *Biol. and Agr.*
*Ellen Reddick, B. S., *Home Econ.*
*Mrs. Corinne Springer, M. A., *Home Econ.*

TEXAS

Agricultural and Mechanical College of Texas and the Agricultural Experiment Station, *College Station*

*College faculty. †Station staff. ‡Extension staff.

*T. O. Walton, LL. D., *President.*
†A. B. Conner, M. S., *Dir. of Sta.*
‡O. B. Martin, A. B., *Dir. of Ext. Service.*
*F. C. Bolton, M. S., LL. D., *Dean of Coll.*
*E. J. Kyle, M. S., *Dean School of Agr.*

Agronomy and Genetics:

†E. B. Reynolds, Ph. D., *Chief of Div.*
†R. E. Karper, M. S., *Agron. (Grain Sorghum Research). Vice Dir. of Sta.*
*E. P. Humbert, Ph. D., *Head Prof. Agron. and Genetics.*
†J. O. Beasley, M. S., *Asst. Agron.*

Agronomy and Genetics—Contd.

*C. B. Godbey, M. S., *Assoc. Prof. Genetics.*
*W. R. Horlacher, Ph. D., *Prof. Genetics.*
*L. G. Jones, Ph. D., *Prof. Agron.*
†D. T. Killough, M. S., *Agron. (Cotton Brdg.).*

Agronomy and Genetics—Contd.

†P. C. Mangelsdorf, Sc. D., *Agron.* (*Corn and Small Grain*).
†G. T. McNess, *Supt. Agron. Farm.*
‡E. A. Miller, B. S., *Ext. Agron.*
*J. S. Mogford, M. S., *Assoc. Prof. Agron.*
†H. E. Rea, B. S., *Agron.* (*Cotton Root Rot Invest.: P. O., Temple*).
*R. T. Stewart, Ph. D., *Assoc. Prof. Agron.*
†J. T. Vantine, Jr., M. S., *Asst. Agron.* (*Pasture Invest.: P. O., Lufkin*).

Animal Husbandry:

†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Invest.*).
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
*C. N. Shepardson, M. S., *Head Prof. Dairy Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
†R. M. Sherwood, M. S., *Chief Div. of Poultry Husb.*
‡G. W. Barnes, B. S., *Ext. An. Husb.*
*D. S. Buchanan, M. S., *Prof. An. Husb.* (*Swine*).
†O. C. Copeland, M. S., *Dairy Husb.*
†J. R. Couch, M. S., *Assoc. Poultry Husb.*
‡P. A. Cunyus, M. S., *Asst. Ext. Poultry Husb.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
†S. P. Davis, *Wool Grader.*
‡E. R. Eudaly, B. S., *Ext. Dairyman.*
‡E. N. Holmgreen, B. S., *Ext. Poultry Husb.*
†J. H. Jones, B. S., *An. Husb.*
*J. H. Knox, M. S., *Assoc. Prof. An. Husb.*
*A. K. Mackey, M. S., *Prof. An. Husb.*
*W. F. Munnerlyn, M. S., *Assoc. Prof. Poultry Husb.*
‡E. M. Regenbrecht, M. S., *Ext. Swine Husb.*
*E. W. Renner, M. S., *Assoc. Prof. Dairy Husb.*
‡A. L. Smith, B. S., *Ext. An. Husb.*
‡R. W. Snyder, M. S., *Meat Specialist.*
†P. D. Sturkie, B. S., *Asst. Poultry Husb.*
‡J. L. Thomas, B. S., *Ext. Dairyman.*
†B. L. Warwick, Ph. D., *Range An. Husb.* (*Brdg. Invest.*).

Biology:

*O. M. Ball, Ph. D., *Head Prof. Biol.*
*R. O. Berry, M. S., *Actg. Instr. Biol.*
*C. C. Doak, Ph. D., *Assoc. Prof. Biol.*
*E. H. Gibbons, S. M., *Asst. Prof. Biol.*
*Charles LaMotte, M. A., *Asst. Prof. Biol.*
*R. G. Reeves, Ph. D., *Prof. Biol.*
*H. G. Towns, M. S., *Actg. Instr. Biol.*

Botany:

†V. L. Cory, M. S., *Chief of Div.* (*P. O., Sonora*).

Chemistry:

†G. S. Fraps, Ph. D., *Chief of Div.* (*State Chem.*).
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. State Chem.*
*F. F. Bishop, M. S., *Asst. Prof. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
†E. C. Carlyle, M. S., *Asst. Chem.*

Chemistry—Continued.

†Mrs. Jeanne F. DeMottier, *Asst. Chem.*
†J. F. Fudge, Ph. D., *Chem.* (*Cotton Root Rot Invest.*).
†W. H. Garman, M. S., *Asst. Chem.*
†Velma Graham, *Asst. Chem.*
*M. T. Harrington, M. S., *Asst. Prof. Chem.*
*B. C. Jones, M. S., *Asst. Prof. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
†W. E. Merrill, M. S., *Asst. Chem.*
*E. B. Middleton, M. S., *Instr. Chem.*
†T. L. Ogier, B. S., *Asst. Chem.*
*W. M. Potts, M. S., *Instr. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†A. J. Sterges, M. S., *Asst. Chem.*
‡M. K. Thornton, Jr., A. M., *Leather Specialist.*
†Ray Treichler, M. S., *Asst. Chem.*
†W. H. Walker, *Asst. Chem.*

Economics (Agr.):

†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*J. W. Barger, M. S., C. L. S., *Actg. Head Prof. Agr. Econ.*
*T. W. Leland, M. A., C. P. A., *Head Prof. Accounting and Statistics.*
*Daniel Russell, M. A., *Head Prof. Rural Sociol.*
†C. A. Bonnen, M. S., *Farm Mgt. Research Specialist.*
‡R. H. Bush, M. S., *Organ. Specialist.*
*T. R. Hamilton,[1] M. S., *Assoc. Prof. Accounting and Statistics.*
*L. W. Harvel, M. S., *Actg. Assoc. Prof. Accounting and Statistics.*
*R. L. Hunt, Ph. D., *Assoc. Prof. Mktg. and Finance.*
†A. C. Magee, M. S., *Asst. in Farm Mgt.* (*Coop. U. S. D. A.: P. O., Lubbock*).
*S. A. McMillan, M. S., *Prof. Farm and Ranch Mgt.*
†‡W. R. Nisbet, B. S., *Asst. in Ranch Mgt.* (*Coop. U. S. D. A.: P. O., Sonora*).
*L. S. Paine,[1] M. A., *Assoc. Prof. Agr. Econ.*
†W. E. Paulson, Ph. D., *Mktg. Research Specialist.*
*G. W. Schlesselman, M. A., *Actg. Assoc. Prof. Agr. Econ.*
*O. A. Weinke, M. S., *Assoc. Prof. Accounting and Statistics.*

Editorial—See **Publications.**

Education (Agr.):[2]

*C. H. Winkler, Ph. D., *Dean School of Voc. Teaching, Head Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Head Prof. Rural Ed.*
*E. R. Alexander, M. S., *Prof. Agr. Ed.*
*J. C. Dykes, B. S., *Prof. Agr. Ed.*
*W. R. Sherrill, B. S., *Instr. Agr. Ed.*
*G. B. Wilcox, M. A., *Prof. Rural Ed.*

Engineering (Agr.):

†H. P. Smith, M. S., *Chief of Div.*
*Daniels Scoates, B. S., A. E., *Head Prof. Agr. Engin.*
‡M. R. Bentley, B. S., *Ext. Agr. Engin.*
*F. R. Jones, M. S., *Assoc. Prof. Agr. Engin.*
*M. F. Thurmond, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:

†F. L. Thomas, Ph. D., *Chief of Div.* (*State Ent.*).
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*

---

[1] On leave.
[2] Courses given in School of Vocational Teaching.

Entomology—Continued.

†H. B. Parks, B. S., *Chief Div. of Apiculture (P. O., San Antonio).*
†A. H. Alex, B. S., *Queen Breeder (P. O., San Antonio).*
†F. F. Bibby, B. S., *Ent.*
†C. J. Burgin, B. S., *Asst. Foulbrood Insp.*
†E. W. Dunnam, Ph. D., *Ent. (Coop. U. S. D. A.)*
†R. K. Fletcher, Ph. D., *Ent.*
†J. C. Gaines, Jr., M. S., *Ent.*
†C. E. Heard, B. S., *Chief Foulbrood Insp.*
*H. G. Johnston, M. S., *Asst. Prof. Ent.*
†S. E. Jones, M. S., *Ent.*
*V. A. Little, M. S., *Assoc. Prof. Ent.*
†R. W. Moreland, B. S., *Asst. Ent. (Coop. U. S. D. A.).*
†W. L. Owen, Jr., M. S., *Ent. (P. O., Presidio).*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, B. S., *Ext. Ent.*
†J. N. Roney, M. S., *Ent. (P. O., Dickinson).*
‡L. C. Whitehead, B. S., *Rodent Control Leader (Coop. U. S. D. A.: P. O., San Antonio).*

Extension (Admin.): [1]

Director Martin *in charge.*
‡H. H. Williamson, B. S., *Vice Dir. and State Agt.*
‡E. C. Martin, B. S., *State Boys' Club Agt.*
‡Mildred F. Horton, *State Home Dem. Agt.*
‡Bess Edwards. B. S., *Asst. State Home Dem. Agt.*

Feed Control Service:

†F. D. Fuller, M. S., *Chief.*
†James Sullivan, *Asst. Chief.*
†K. L. Kirkland, B. S., *Insp.*
†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, Jr., *Insp.*
†J. H. Rogers, *Insp.*
†H. G. Wickes, B. S., D. V. M., *Insp.*
†E. J. Wilson, B. S., *Insp.*

Forestry: [2]

*E. O. Siecke, B. A., B. S. F., *Dir. and State For.*
*R. F. Balthis, B. S. F., M. S., *Asst. State For.*
*I. H. Jones, B. S. F., *Asst. For., Div. For. Protection (P. O., Lufkin).*
*‡C. W. Simmons, M. F., *Farm For.*
*C. B. Webster, B. S. F., *Chief Div. For. Mgt.*
*W. E. White, B. S., *Chief Div. Forest Protection (P. O., Lufkin).*

Genetics—See **Agronomy.**

Geology:

*J. T. Lonsdale, Ph. D., *Head Prof. Geol.*
*F. A. Burt, M. S., *Assoc. Prof. Geol.*
*F. E. Turner, Ph. D., *Actg. Asst. Prof. Geol.*

Home Economics:

†Jessie Whitacre, Ph. D., *Chief Div. of Rural Home Research.*
‡Mrs. Dora R. Barnes, M. S., *Ext. Specialist in Clothing.*
‡Mrs. Maggie W. Barry, M. A., *Ext. Sociol. (Rural Women's Organ.).*
‡Lola Blair, B. S., *Ext. Nutr.*

Home Economics—Continued.

‡Mrs. Bernice Claytor, B. S., *Ext. Specialist in Home Improvement.*
†Sylvia Cover, Ph. D., *Food Specialist.*
†Mary A. Grimes, M. S., *Textiles and Clothing Specialist.*
‡Maurine Hearn, B. S., *Ext. Specialist in Home Indus.*
‡Zetha McInnis, B. S., *Ext. Specialist in Home Indus.*

Horticulture:

†S. H. Yarnell, Sc. D., *Chief of Div.*
*E. J. Kyle, M. S., *Head Prof. Hort.*
*F. W. Hensel, Jr., M. S., *Head Prof. Landsc. Art.*
*G. W. Adriance, Ph. D., *Prof. Hort.*
*F. R. Brison, M. S., *Assoc. Prof. Hort.*
‡Onah Jacks, B. S., *Ext. Landsc. Gard.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
‡J. F. Rosborough, B. S., *Ext. Hort.*

Plant Pathology and Physiology:

†J. J. Taubenhaus, Ph. D., *Chief of Div.*
†W. J. Bach, M. S., *Plant Path. (P. O., Weslaco).*
†G. T. Boyd, B. S., *Asst. Plant Path.*
†W. N. Ezekiel, Ph. D., *Plant Path.*
†L. B. Loring, M. S., *Asst. Plant Path.*
†C. H. Rogers, Ph. D., *Plant Path. (P. O., Temple).*

Publications:

†A. D. Jackson, *Chief of Div.*
‡Mrs. Minnie F. Cunningham, Ph. G., *Actg. Ext. Editor.*
‡W. H. Darrow, B. S., *Ext. Editor.*

Soil Survey:

†W. T. Carter, B. S., *Chief of Div. (Coop. U. S. D. A.).*
†M. W. Beck, B. S., *Soil Surveyor (Coop. U. S. D. A.: P. O., Brownsville).*
†J. W. Huckabee, B. S., *Soil Surveyor.*
†H. M. Smith, B. S., *Soil Surveyor (Coop. U. S. D. A.).*
†E. H. Templin, B. S., *Soil Surveyor.*

Veterinary Science:

*†Mark Francis, D. V. M., LL. D., *Dean School of Vet. Med., Head Prof. Vet. Anat.: Chief Div. of Vet. Sci.*
*R. P. Marsteller, D. V. M., *Head Prof. Vet. Med. and Surg.*
†H. Schmidt, D. V. M., *Actg. for Chief Div. of Vet. Sci.*
*P. W. Burns, B. S., D. V. M., *Assoc. Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Prof. Vet. Med. and Surg.*
*A. A. Lenert, B. S., D. V. M., *Prof. Vet. Med.*
†F. P. Mathews, D. V. M., M. S., *Vet. in charge Loco Invest. Lab. (Coop. U. S. D. A.: P. O., Alpine).*
†J. B. Mims, D. V. M., *Asst. Vet.*
*A. E. Wharton, D. V. M., *Assoc. Prof. Vet. Path.*

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Ext. Libr.*
†J. K. Francklow, *Asst. Chief Clerk.*
†Chester Higgs, *Executive Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Clarice Mixson, B. A., *Secy.*
‡D. L. Waddington, *Executive Asst.*

---

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] Texas Forest Service.

Substations:

Angleton (No. 3)—
R. H. Stansel, M. S., *Supt.*
H. M. Reed, B. S., *Hort.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, B. S., *Junior Agron.* (*Coop. U. S. D. A.*).
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt.* (*Coop. U. S. D. A.*).
J. C. Stephens, M. A., *Asst. Agron.* (*Coop. U. S. D. A.*).
College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, B. S., *Junior Agron.* (*Coop. U. S. D. A.*).
Iowa Park (No. 16)—
C. H. McDowell, B. S., *Supt.*
L. E. Brooks, B. S., *Hort.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*

Substations—Continued.

Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
O. G. Babcock, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
I. B. Boughton, D. V. M., *Vet.* (*Sheep and Goat Disease Invest.*).
O. L. Carpenter, *Shepherd.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Supt.*
B. C. Langley, M. S., *Agron.*
Temple (No. 5)—
Henry Dunlavy, M. S., *Supt.*
E. B. Deeter, M. A., *Sci. in Soil Erosion* (*Coop. U. S. D. A.*).
P. L. Hopkins, B. S., *Junior Engin.* (*Coop. U. S. D. A.*).
Tyler (No. 2)—
P. R. Johnson, M. S., *Supt.*
R. W. Baird, M. S., *Assoc. Agr. Engin.* (*Coop. U. S. D. A.*).
B. H. Hendrickson, B. S., *Sci. in Soil Erosion* (*Coop. U. S. D. A.*).
Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
S. W. Clark, B. S., *Ent.*
J. F. Wood, B. S., *Hort.*
Winter Haven (No. 19)—
E. Mortensen, B. S., *Supt.*
L. R. Hawthorn, M. S., *Hort.* (*Coop. U. S. D. A.*).

Prairie View State Normal and Industrial College, *Prairie View*

*Agricultural faculty. ‡Extension work.

*W. R. Banks, A. M., *Principal.*
*L. A. Potts, M. S., *Dir. Div. of Agr.*

*J. M. Alexander, M. S., *Assoc. Prof. An. Husb.*
*Essie J. Anderson, A. M., *Assoc. Prof. Dom. Sci.*
*O. J. Baker, B. L. S., *Libr.*
*C. H. Banks, B. S., *Itinerant Teacher Trainer.*
*Huldah Bryant, B. S., *Instr. Foods and Nutr.*
*E. B. Evans, D. V. M., *Prof. Vet. Sci. and Assoc. Dir. of Agr.*
*Alda J. Fortune, B. L. S., *Asst. Libr.*
*W. R. Harrison, M. S., *Asst. Prof. Rural Sociol.*
*B. V. Johnson, M. S., *Instr. Hort.*
*Elizabeth C. May, M. S., *Dir. Div. of Home Econ.*
*Mrs. Geneva C. Peters, M. S., *Instr. Clothing and Handicraft.*
*Mayme L. Powell, M. S., *Assoc. Prof. Clothing.*
*Mrs. Addie L. Ross, M. S., *Instr. Home Econ. Ed.*
‡Mrs. I. W. Rowan, B. S., *State Home Dem. Agt.*
*S. H. Settler, B. S., *Instr. Agron.*
*G. L. Smith, B. S., *Assoc. Prof. An. Husb.*
‡C. H. Waller, B. S., *State Leader in Ext. Work.*
*Harrison Watson, *Farm Supt.*
*I. P. Wright, M. S., *Assoc. Prof. Voc. Ed.*

UTAH

Utah State Agricultural College and the Agricultural Experiment Station, *Logan*

*College faculty. †Station staff. ‡Extension staff.

*E. G. Peterson, Ph. D., *President.*
†P. V. Cardon, M. S., *Dir. of Expt. Sta.*
‡William Peterson, B. S., *Dir. of Ext. Div.*
*††E. J. Maynard, M. S., *Dean Schools of Agr. and For.*

Agronomy and Soils:

*†R. J. Evans, Ph. D., *Prof. Agron.; Agron.*
*A. F. Bracken, M. Agr., *Asst. Prof. Agron.* (*P. O., Nephi*).
†D. S. Jennings, Ph. D., *in charge Soils Invest.*
‡J. C. Hogenson, M. S., *Ext. Agron.*
*†D. W. Pittman, M. S., *Prof. Soils; Agron.* (*P. O., Nephi*).
*†D. C. Tingey, M. Agr., *Asst. Prof. and Asst. Agron.*

Agronomy and Soils—Continued.

†R. W. Woodward, M. S., *Junior Agron.* (*Coop. U. S. D. A.*).

Animal Husbandry:

*††E. J. Maynard, M. S., *Prof. An. Husb.; An. Husb.*
*B. L. Dryden, M. S., *Asst. in An. Husb.*
*††A. C. Esplin, B. S., *Asst. Prof. Wool Mgt.; Assoc. An. Husb.*
*†H. H. Smith, M. S., *Assoc. Prof. and Asst. An. Husb.*

Bacteriology and Biochemistry:

*†J. E. Greaves, Ph. D., *Prof. Bact. and Biochem.; Chem. and Bact.*
*E. G. Carter, M. S., D. P. H., *Prof. Pub. Health and Physiol.*
*†K. R. Stevens, Ph. D., *Asst. Prof. and Asst. Bact.*

Botany and Plant Pathology:

*†B. L. Richards, Ph. D., *Prof. Bot. and Plant Path.; Bot. and Plant Path.*
†H. L. Blood, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
*Bassett Maguire, B. S., *Asst. Prof. Bot.*
*†F. B. Wann, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol. (Coop. U. S. D. A.).*

Chemistry:

*†R. L. Hill, Ph. D., *Prof. Chem.; Human Nutr.*
*†C. T. Hirst, M. S., *Assoc. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Prof. Chem.*

Dairy Husbandry and Manufacturing:

*†‡G. B. Caine, A. M., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*
*A. J. Morris, M. S., *Assoc. Prof. Dairy Mfg.*

Economics (Agr.) and Marketing:

*†‡W. P. Thomas,[1] M. S., *Prof. Agr. Econ.; Agr. Econ.*
*†G. T. Blanch, M. S., *Assoc. Prof. and Assoc. Agr. Econ.*
*†J. A. Geddes, Ph. D., *Prof. Sociol.; Assoc. Rural Sociol.*
*W. L. Wanlass, Ph. D., *Prof. Econ. and Mktg.*
*W. U. Fuhriman,[1] M. S. *Assoc. Prof. Agr. Econ.*
‡C. O. Stott,[1] M. S., *Ext. Econ., Farm Mgt.*
‡Cruz Venstrom, M. S., *Ext. Econ.*

Editorial:

‡W. D. Porter, B. S., *Ext. Editor and Secy. to Ext. Dir.*

Engineering:

*R. B. West, B. S., C. E., *Dean School of Engin., Prof. Engin.*
*†O. W. Israelsen, Ph. D., *Prof. and in charge Irrig. and Drainage.*
*†G. D. Clyde, M. S., *Prof. Engin.; Irrig. and Drainage Engin.*

Entomology—See **Zoology.**

Extension (Admin.): [2]

Director Peterson *in charge.*
‡W. W. Owens, M. A., *Asst. Dir. for Agr.*
‡Mrs. Rena B. Maycock, *Asst. Dir. for Home Econ.*
‡D. P. Murray, B. S., *State Boys' and Girls' Club Specialist.*
‡Myrtle Davidson, B. S., *Asst. State Boys' and Girls' Club Specialist.*

Forestry:

*T. G. Taylor, M. F., *Prof. For.*
*†R. J. Becraft, M. S., *Assoc. Prof. and Assoc. in Range Mgt.*
*‡P. M. Dunn, M. S. F., *Assoc. Prof. and Ext. For.*

Forestry—Continued.

*W. L. Hansen, B. S., M. F., *Instr. For. and Range.*
*R. P. McLaughlin, Ph. D., *Asst. Prof. For.*
*D. I. Rasmussen, Ph. D., *Asst. Prof. Wild Life Mgt.*

Geology:

*‡William Peterson, B. S., *Prof. Geol.*

Home Economics:

*Mrs. Christine B. Clayton, M. S., *Dean School of Home Econ., Prof. Foods and Dietetics.*
*Johanna Moen, B. S., *Prof. Textiles and Clothing.*
‡Ellen Agren, M. S., *Clothing Specialist.*
‡Mrs. Effie S. Barrows, B. S., *Ext. Econ., Home Mgt.*
*Elsa B. Bate, M. S., *Asst. Prof. Child Development.*
†Mrs. Almeda P. Brown, M. A., *Asst in Home Econ. Research.*
*Mrs. Alta O. Crockett, B. S., *Instr. Textiles and Clothing.*
*Charlotte E. Dancy, R. N., *Asst. Prof. Physiol. and Nursing.*
*Frances Kelly, M. S., *Asst. Prof. Foods.*
‡Elna Miller, M. S., *Ext. Nutr.*

Horticulture:

*†F. M. Coe, M. S., *Asst. Prof. and Asst. Hort.*
*†A. L. Stark, Ph. D., *Instr. and Asst. Hort.*
*†A. L. Wilson, Ph. D., *Assoc. Prof. Hort. and Gard.; Assoc. Hort.*

Physics:

*F. L. West, Ph. D., *Prof. Phys.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*

Poultry Husbandry:

*††‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
‡Carl Frischknecht, M. S., *Asst. Ext. Poultryman.*

Veterinary Science:

*H. J. Frederick, D. V. M., *Prof. Vet. Sci.*
*†D. E. Madsen, D. V. M., *Prof. Vet. Sci.; An. Path.*

Zoology and Entomology:

*†W. W. Henderson, Ph. D., *Prof. Zool. and Ent.; Ent.*
†G. F. Knowlton, Ph. D., *Assoc. Ent.*
†C. J. Sorenson, M. S., *Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

Miscellaneous:

*††‡R. E. Berntson, *Secy-Treas. and Purchasing Agt.*
†D. A. Burgoyne, B. S., *Sta. Secy.*
†Edith Hayball, B. S., *Research Asst. Statistician.*
†Mrs. Blanche C. Pittman, A. B., *Libr. and in charge Editorial and Pubs. Div.*
*Hattie Smith, *Asst. Libr.*

Substations:

Davis County Substa., *P. O., Farmington*— ——— ———, *Supt.*
Nephi Dry-Farm Substa., *P. O., Nephi*—A. F. Bracken, M. Agr. *Supt.*

---

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.

VERMONT

College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College, *Burlington*

*College faculty. †Station staff. ‡Extension staff.

*G. W. Bailey, B. A., LL. D., *President.*
*†J. L. Hills, Sc. D., *Dean Coll. of Agr., Dir. of Sta.*
‡J. E. Carrigan, M. A., *Dir. Agr. Ext. Service.*
*†G. P. Burns, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta.*

Agronomy:
Dean Hills *in charge.*
†G. F. Lea, M. S., *Asst. Agron.*
†A. R. Midgley, Ph. D., *Agron.*
*‡P. R. Miller, M. S., *Prof. and Agron. Specialist.*
†V. L. Weiser, M. S., *Asst. Agron.*

Animal Industry:
*†H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
†O. M. Camburn, M. S., *Assoc. An. and Dairy Husb.*
*†M. H. Campbell, Ph. D., *Prof. Dairy Prod.; Assoc. An. and Dairy Husb.*
†J. M. Frayer, B. S., *Asst. Dairy Bact.*
*‡L. M. Greene, M. S., *Instr. Poultry Husb., Poultry Lab. Technician.*
‡A. W. Lohman, M. S., *Ext. Poultryman.*
‡E. H. Loveland, A. M., *Ext. Dairyman.*
*†J. A. Newlander, M. S., *Asst. Prof. and Assoc. An. and Dairy Husb.*
*R. W. Smith, Jr., M. S., *Prof. Dairy Mfg.*

Botany and Plant Pathology:
*†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*E. J. Dole, Ph. D., *Assoc. Prof. Bot.*
*†Alexander Gershoy, Ph. D., *Asst. Prof. and Asst. Bot.*
*R. J. Livingston, B. S., *Asst. in Bot.*
†Mrs. Anna S. Lutman, Ph. B., *Seed Analyst.*
*†W. P. Pierce, M. S., *Instr. and Asst. Bot.*
*†Winona E. Stone, M. S., *Instr. and Asst. Plant Path.*

Chemistry:
*A. B. Willmarth, A. M., M. S., *Asst. Prof. in charge Agr. Chem.*
†C. H. Jones, M. S., *Chem.*
†E. F. Boyce, B. S., *Asst. Chem.* (*Regulatory*).
†Mrs. Jennie R. Bradlee, B. S., *Asst. Chem.*
†F. J. Brisson, *Asst. Chem.*
†J. D. Erit, M. S., *Asst. Chem.*
†L. S. Walker, B. S., *Chem.* (*Regulatory*).

Economics (Agr.):
†J. A. Hitchcock, M. S., *Agr. Econ.*
‡A. A. Brown, M. S., *Ext. Econ., Mktg.*
†J. J. Dalton, M. S., *Assoc. Agr. Econ.*
‡H. C. Norcross, M. S., *Ext. Econ., Farm Mgt.*
†S. W. Williams, M. S., *Asst. Agr. Econ.*

Editorial:
‡L. W. Dean, A. B., *Editor.*

Education (Agr.):
*K. J. Sheldon, A. M., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*W. T. Fulton, M. S., *Assoc. Prof. Mech. Engin.*

Extension (Admin.):[1]
Director Carrigan *in charge.*
‡H. W. Soule, B. S., *County Agt. Leader.*
‡Majorie E. Luce, B. S., *State Home Dem. Leader.*
‡E. L. Ingalls, A. B., *State Club Leader.*
‡Martha E. Leighton, B. S., *Asst. State Club Leader.*

Forestry:
*†W. R. Adams, Jr., M. S., *Asst. Prof. Bot. and For.; Asst. For.*
‡H. W. Soule, B. S., *Ext. For.*

Home Economics:
*Bertha M. Terrill, A. M., *Prof. Home Econ.*
†Marianne Muse, M. S., *in charge Home Econ. Research.*
‡Lillian V. Anderson, B. S., *Nutr. and Clothing Specialist.*
*Florence E. Bailey, M. S., *Asst. Prof. Home Econ.*
*Alice E. Blundell, M. S., *Asst. Prof. Home Econ.*
‡Mrs. Charlotte P. Brooks, B. S., *Home Mgt. Specialist.*
*Grace Burwash, A. M., *Asst. Prof. Home Econ.*
*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
†Margaret I. Liston, M. A., *Asst. in Home Econ. Research.*
*Lydia Tarrant, M. S., *Instr. Home Econ.*

Horticulture:
*†‡M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*
*†R. G. Dunning, B. S., *Gardner.*
†E. W. Jenkins, M. S., *Asst. Hort.*

Veterinary Science:
*F. A. Rich, V. S., M. D., *Prof. Vet. Sci.*

Zoology:
*W. H. Behney, M. S., *Instr. Zool.*
*Cornelia H. Collier, A. M., *Instr. Zool.*
*L. S. Rowell, M. S., *Asst. Prof. Zool.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

VIRGINIA

Virginia Agricultural and Mechanical College and Polytechnic Institute and the Agricultural Experiment Station, *Blacksburg*

*College faculty. †Station staff. ‡Extension staff.

*J. A. Burruss, A. M., Ph. D., *President.*
*†H. L. Price, M. S., *Dean School of Agr.*
†A. W. Drinkard, Jr., Ph. D., *Dir. of Sta.*
‡J. R. Hutcheson, M. S., *Dir. of Agr. Ext. Div.*

Agronomy:

*†T. B. Hutcheson, M. S., *Prof. Agron. and Supvr. Coll. Farm; Agron. and Supvr. of Substas.*
‡W. H. Byrne, M. S., *Ext. Assoc. Agron.*
‡W. H. Daughtrey, M. S., *Ext. Asst. Agron.*
†A. L. Grizzard, M. S., *Asst. Agron.*
*†M. S. Kipps, M. S., *Asst. Prof. and Asst. Agron.*
†‡S. S. Obenshain, Ph. D., *Asst. Agron. in charge Soil Survey.*
*†N. A. Pettinger, Ph. D., *Asst. Prof. and Assoc. Agron.*
†Edward Shulkcum, M. S., *Asst. Agron.*

Animal Industry:

†‡W. D. Saunders, *Dairy and Cheese Specialist.*
*†R. E. Hunt, M. S., *Prof. An. Husb.; An. Husb.*
*†C. W. Holdaway, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*E. J. Albert, *Instr. Poultry Husb. and Supt. Poultry Plant.*
*†R. L. Bryant, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*
‡R. G. Connelly, M. S., *Dairy Specialist.*
‡A. L. Dean, B. S., *Ext. Poultry Husb.*
‡R. W. Dickson, B. S., *Ext. Asst. Dairy Husb.*
‡C. L. Fleshman, M. S., *Dairy Products Specialist.*
‡G. C. Herring, B. S., *Ext. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
‡R. P. Keithley, B. S., *Asst. Dairy Specialist.*
‡K. E. Litton, B. S., *Ext. Asst. An. Husb.*
‡H. L. Moore, M. S., *Poultry Husb. Specialist.*
*†A. D. Pratt, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*
*‡P. M. Reaves, M. S., *Instr. Dairy Husb., Dairy Mfg. Specialist.*
*Paul Swaffar, B. S., *Instr. An. Husb.*

Botany and Plant Pathology:

†S. A. Wingard, Ph. D., *Head of Dept.*
‡James Godkin, M. S., *Ext. Assoc. Plant Path.*
†A. B. Groves, Ph. D., *Asst. Plant Path. (P. O., Winchester).*
†R. G. Henderson, M. S., *Asst. Plant Path.*
†R. H. Hurt, M. S., *Asst. Plant Path. (P. O., Charlottesville).*
*A. B. Massey, M. S., *Assoc. Prof. Plant Path. and Bact.*
†G. M. Shear, Ph. D., *Asst. Plant Path.*

Chemistry (Agr.):

*†W. B. Ellett, Ph. D., *Prof. Agr. Chem.; Chem.*
†J. F. Eheart, M. S., *Asst. Chem.*
†H. H. Hill, M. S., *Assoc. Chem.*
*J. B. Lucas, M. S., *Assoc. Prof. Chem.*

Economics (Agr.) and Rural Sociology:

*†‡H. N. Young, Ph. D., *Head of Dept.*
†W. E. Garnett, Ph. D., *Rural Sociol.*

Economics (Agr.) etc.—Continued.

†‡S. K. Cassell, M. S., *Asst. Agr. Econ.*
‡K. N. Ellis, *Ext. Asst. Agr. Econ. (P. O., Petersburg).*
*†W. L. Gibson, M. S., *Instr. and Asst. Agr. Econ.*
‡B. L. Hummel, B. S., *Specialist in Rural Sociol. and Community Organ.*
†‡J. L. Maxton, M. S., *Asst. Agr. Econ.*
‡W. J. Nuckolls, Jr., M. S., *Farm Mgt. Specialist.*
*†F. L. Underwood, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
†J. J. Vernon, M. S., *Agr. Econ.*
‡G. H. Ward, Ph. D., *Ext. Assoc. Agr. Econ.*

Editorial:

*‡E. R. Price, *Assoc. Prof. Agr. Journalism, Editor.*
‡R. D. Michael, *Ext. Asst. Editor.*

Education (Agr.):

*E. C. Magill, M. S., *Prof. Agr. Ed.*
*W. B. Coggin, A. M., *Prof. Ed.*
*H. C. Groseclose, M. S., *Prof. Agr. Ed.*
*H. W. Sanders, M. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):

‡C. E. Seitz, *Agr. Engin. Head of Dept.*
‡H. H. Gordon, B. S., *Ext. Asst. Agr. Engin.*
†Frances V. Hicks, M. S., *Asst. in Household Engin.*
*V. R. Hillman, M. S., *Assoc. Prof. Agr. Engin.*
*†P. B. Potter, B. S. C. E., A. E., *Assoc. Prof. and Assoc. Agr. Engin.*
*†J. W. Sjogren, M. S., *Asst. Prof. and Asst. Agr. Engin.*
‡J. A. Waller, Jr., M. S., *Ext. Assoc. Agr. Engin.*

Entomology:

*†W. J. Schoene, Ph. D., *Prof. Econ. Ent.; Ent.*
†M. L. Bobb, B. S., *Asst. Ent.*
†W. S. Hough, Ph. D., *Ent. (P. O., Winchester).*
†G. W. Underhill, M. S., *Assoc. Ent.*
‡E. L. Wood, B. S., *Asst. Ent.*
†A. M. Woodside, M. S., *Asst. Ent. (P. O., Staunton).*

Extension (Admin.):[1]

Director Hutcheson *in charge.*
‡C. A. Montgomery, M. S., *Asst. Dir.*
‡Maude E. Wallace, *State Home Dem. Agt.*
‡G. A. Elcan, *State Club Agt.*
‡Hallie L. Hughes, B. S., *State Girls' Club Agt.*

Forestry:

‡J. W. O'Byrne, B. A., M. F., *Ext. For.*

Home Economics:

†Ilena M. Bailey, B. S., *Home Econ.*
‡Janet L. Cameron, M. S., *Foods and Nutr. Specialist.*

---

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Home Economics—Continued.

‡Mrs. Mary C. McBryde, *Landsc. Gard. Specialist.*
‡Mary B. Settle, B. S., *Home Improvement Specialist.*
‡Cymbel Taylor, M. A., *Clothing Specialist.*

Horticulture:

Dean Price *in charge.*
‡L. C. Beamer, *Asst. Specialist in Veg. Gard.*
*‡L. B. Dietrick, M. S., *Assoc. Prof. Hort. and Veg. Gard. Specialist.*
†F. W. HofMann, Ph. D., *Assoc. Hort.*
*‡L. W. Moore, B. S., *Asst. Hort.*
†R. C. Moore, M. S., *Asst. Hort.*
*‡A. H. Teske, M. S., *Assoc. Prof. and Ext. Assoc. Hort.*
‡D. A. Tucker, B. S., *Ext. Asst. Hort.*

Zoology and Animal Pathology:

*†I. D. Wilson, D. V. M., Ph. D., *Prof. Zool. and An. Path.; An. Path.*
*†Betty V. Conner, M. S., *Technician in An. Path.*
†E. P. Johnson, D. V. M., M. S., *Asst. An. Path.*
*†‡L. E. Starr, D. V. M., Ph. D., *Asst. Prof. Zool. and An. Path.; Asst. An. Path.*
*W. L. Threlkeld, Ph. D., *Asst. Prof. Zool.*

Miscellaneous:

*†Mrs. A. P. Cunningham, *Asst. Libr. in charge Agr. Sect.*
*†‡C. I. Wade, *Treas.* (*P. O., Christiansburg*).

Substations:

T. B. Hutcheson, M. S., *Supervisor.*
Appomattox County Station, *P. O., Appomattox*—B. G. Anderson, B. S., *Supt.*
Augusta County Station, *P. O., Staunton*—P. T. Gish, M. S., *Supt.*
Caroline County Station, *P. O., Bowling Green*—W. W. Green, *Supt. and Supvr. of Tobacco Invest.* (*Coop. U. S. D. A.*).
Charlotte County Station, *P. O., Charlotte Court House*—H. C. Marshall, *Supt.*
James City County Station, *P. O., Williamsburg*—R. P. Cocke, *Supt.*
Nansemond County Station, *P. O., Holland*—E. T. Batten, B. S., *Supt.*
Pittsylvania County Station, *P. O., Chatham*—E. M. Matthews, M. S., *Supt.*
Washington County Station, *P. O., Glade Spring*—W. R. Perkins, M. S., *Supt.*

Virginia Truck Experiment Station, *Norfolk*

†Station staff.

†H. H. Zimmerley, Ph. D., *Director.*

†L. D. Anderson, A. M., *Asst. Ent.*
†L. W. Brannon, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
†E. Bernice Briggs, B. S., *Lab. Asst.*
†R. L. Carolus, M. S., *Assoc. Hort.*
†H. T. Cook, Ph. D., *Plant Path.*
†G. R. Gardner, *Hort. Foreman.*
†J. B. Hester, Ph. D., *Soil Tech.*
†H. M. Mears, *Foreman, Eastern Shore Expt. Farm* (*P. O., Onley*).
†M. M. Parker, M. S., *Hort.*
†Florence Shelton, B. S., *Lab. Asst.*
†W. O. Strong, B. S., *Supt. Eastern Shore Expt. Farm* (*P. O., Onley*).
†H. G. Walker, Ph. D., *Ent.*

Virginia State College for Negroes, *Ettrick*

*Agricultural faculty.

*J. M. Gandy, A. M., Pd. D., *President.*
*J. L. Lockett, M. S., *Dir. Div. of Agr.*

*Mrs. Cleopatra W. Armstrong, M. S., *Asst. Prof. Clothing and Art.*
*T. N. Baker, A. M., *Asst. Prof. Chem.*
*Willie L. Campbell, M. S., *Instr. Foods and Nutr.*
*M. T. Carter, B. S., *Instr. Agr. Ed.*
*R. C. Howard, M. S., *Assoc. Prof. Biol.*
*Mrs. Mary E. V. Hunter, M. S., *Head Dept. of Home Econ.*
*Anna E. Owens, M. S., *Supvr. Directed Teaching of Home Econ.*
*G. W. Owens, B. S., *Assoc. Prof. Agr. Ed. and Teacher Training.*
*Orleanis Reid, Jr., M. S., *Instr. Agr. Econ.*
*Alpha S. Rogers, B. S., *Libr.*
*J. E. Settle, M. S., *Assoc. Prof. An. Husb.*
*J. R. Thomas, M. S., *Assoc. Prof. Agr. Ed.*
*E. G. Trigg, V. M. D., M. S., *Assoc. Prof. Bact. and Vet. Sci.*
*C. J. Wartman, B. S., *Farm Mgr.*

VIRGIN ISLANDS

Agricultural Experiment Station, *Christiansted, St. Croix*

(United States Department of the Interior, Government of the Virgin Islands)

†Station staff.

†Glen Briggs, M. S., *Dir. and Agron.*

†D. S. Blackwood, *Farm Supt.*
†E. E. Davis, *Ext. Agt. in Homestead-ing.*
†H. F. Drewes, *Asst. in Poultry.*
†A. M. Lindquist, *Agr. Asst.* (*P. O., St. Thomas*).
†Peter Nelson, *Asst. to Dir.*
†N. N. Nichols, M. S., *Dairyman and Ext. Agt.* (*P. O., St. Thomas*).
†R. A. Nichols, B. S., *Hort.*
†G. A. Roberts, B. S., D. V. S., *An. and Dairy Husb., Vet. Sci.*

WASHINGTON

State College of Washington, the Agricultural Experiment Station, and the Extension Service, *Pullman*

*College faculty. †Station staff. ‡Extension staff.

*E. O. Holland, Ph. D., *President.*
*†E. C. Johnson, M. A., *Dean Coll. of Agr., Dir. of Sta.*
*†E. Y. Ellington, B. S., *Vice Dean Coll. of Agr., Asst. Dir. of Sta.*
‡F. E. Balmer, B. S., *Dir. of Ext. Service.*

Agronomy:
*†E. G. Schafer, M. S., *Head of Dept. and Div. of Agron. Prof. Farm Crops.*
*†S. C. Vandecaveye, Ph. D., *Prof. Soils; Soil Biol.*
*†G. O. Baker, M. S., *Instr. and Asst. in Soils.*
†O. E. Barbee, M. S., *Asst. in Farm Crops.*
*†E. F. Gaines, D. Sc., *Prof. Genetics; Cerealist (Coop. U. S. D. A.).*
*†A. L. Hafenrichter, Ph. D., *Asst. Prof. and Asst. in Farm Crops.*
‡Leonard Hegnauer, B. S., *Ext. Assoc. Prof. Agron.*
†G. M. Horner, M. S., *Asst. in Soils.*
†O. A. Vogel, M. S., *Agt. (Coop. U. S. D. A.).*
†L. C. Wheeting, Ph. D., *Assoc. in Soils.*

Animal Husbandry:
*†Howard Hackedorn, B. S., *Head of Dept. and Div. of An. Husb.*
*†R. E. McCall, M. S., *Instr. and Asst. An. Husb.*
*†Jerry Sotola, M. S., *Asst. Prof. and Asst. An. Husb.*

Bacteriology:[1]
*Victor Burke, Ph. D., *Head of Dept.*
*Felice J. Bahrenburg, B. S., *Asst. in Bact.*
*†C. C. Prouty, M. S., *Instr. Bact.; Assoc. Dairy Bact.*
*A. J. Roth, D. P. H., *Asst. Prof. Bact.*
*R. F. E. Stier, M. D., *Instr. Bact.*
*Catherine A. Ulrich, M. S., *Instr. Bact.*

Botany:[1]
*F. L. Pickett, Ph. D., *Head of Dept., Dean of Grad. School.*
*Hannah C. Aase, Ph. D., *Asst. Prof. Bot.*
*Lincoln Constance, Ph. D., *Instr. Bot. and Taxonomy.*
*H. F. Clements, Ph. D., *Assoc. Prof. Bot.*

Chemistry:[1]
*C. C. Todd, Ph. D., *Head of Dept.*
†J. L. St. John, Ph. D., *Head Div. of Chem. (State Chem.).*
*W. E. Bradt, Ph. D., *Asst. Prof. Chem.*
*C. M. Brewster, A. M., *Prof. Org. Chem.*
*H. L. Cole, M. S., *Asst. Prof. Chem.*
*R. P. Cope, M. S., *Assoc. Prof. Anal. and Agr. Chem.*
*J. L. Culbertson, D. Sc., *Asst. Prof. Chem.*
*R. W. Gelbach, Ph. D., *Asst. Prof. Chem.*
†H. W. Gerritz, Ph. D., *Asst. to State Chem.*
*L. I. Gilbertson, M. A., *Instr. Chem.*
†Kermit Groves, Ph. D., *Asst. Chem.*
†Otto Johnson, M. S., *Asst. Chem.*

Dairy Husbandry:
*†E. V. Ellington, B. S., *Head of Dept. and Div. of Dairy Husb.*

Dairy Husbandry—Continued.
*†H. A. Bendixen, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
†N. S. Golding, Ph. D., *Assoc. Dairy Husb.*
‡O. J. Hill, Ph. D., *Ext. Dairy Husb.*
†R. E. Hodgson, M. S., *Asst. Dairy Husb. (Coop. U. S. D. A.: P. O., Puyallup).*
*†J. C. Knott, M. S., *Asst. Prof. and Asst. in Dairy Husb. Supt. Official Testing.*
*†C. C. Prouty, M. S., *Instr. and Assoc. Dairy Bact.*

Economics—See **Farm Management.**

Editorial:
———, *Editor of Coll. Pubs.*
‡W. D. Staats, A. B., B. Litt., *Ext. Editor.*

Education (Agr.):
*W. S. Horn, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
*†L. J. Smith, B. S., M. E., *Head of Dept. and Div. of Agr. Engin.*
†H. L. Garver, B. S., E. E., *Rural Electricity Invest.*
*A. C. Jacquot, B. S., *Instr. Agr. Engin.*
*C. C. Johnson, B. A., *Asst. Prof. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.):[2]
Director Balmer *in charge.*
‡R. M. Turner, B. S., *Asst. Dir.*
‡M. Elmina White, B. S., *Asst. Dir. in charge Home Econ.*
‡H. M. Walker, M. S., *State Agent in Club Work.*

Farm Management and Economics (Agr.):
*†R. E. Willard,[3] B. S., *Head of Dept. and Div. of Farm Mgt. and Agr. Econ.*
*F. R. Yoder, Ph. D., *Head Dept. of Sociol.*
*†E. F. Dummeier, Ph. D., *Prof. Econ.; Agr. Econ.*
†C. C. Hampson, M. A., *Asst. Agr. Econ.*
†R. B. Heflebower, Ph. D., *Assoc. Agr. Econ.*
‡R. N. Miller, M. S., *Land Clearing Econ. Specialist.*
*†A. E. Orr, M. S., *Instr. Farm Mgt. and Agr. Econ.; Asst. in Farm Mgt.*
*†B. H. Pubols, M. S., *Assoc. Prof. and Assoc. Agr. Econ. Actg. Head of Dept.*
‡R. M. Turner, B. S., *Ext. Econ., Farm Mgt.*

Forestry and Range Management:
*E. H. Steffen, B. S., M. F., *Head of Dept.*
*J. P. Nagle, B. S., *Instr. For.*

---

[1] Courses given in College of Sciences and Arts.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[3] On leave.

Forestry and Range Management—Continued.
*Clarence Svendby, B. S. F., *Asst. in For.*

Home Economics:
*†Florence Harrison, M. A., *Dean Coll. of Home Econ.*
*Mattie A. Craddock, A. M., *Assoc. Prof. and Head Div. of Textiles and Clothing.*
*Leila W. Hunt, A. M., *Assoc. Prof. and Head Div. of Foods and Nutr.*
*Mildred Boggs, M. A., *Instr. Foods and Dir. Home Mgt. House.*
*Margaret E. Brislawn, M. S., *Asst. Prof. Institution Econ.*
*Catherine T. Bryden, M. A., *Asst. Prof. Home Econ. Ed.*
*Ethel Clarke, M. S., *Assoc. Prof. Institution Econ.*
*Mrs. Nellie J. Howard, B. A., *Instr. Textiles and Clothing.*
*Alice B. Newbill, M. S., *Instr. Institution Econ. and Asst. Dietitian.*
†Evelyn H. Roberts, M. S., *Research Specialist in Home Mgt.*
*Helen K. Robson, M. A., *Asst. Prof. Textiles and Clothing.*
‡Rae Russell, B. A., *Nutr. Specialist.*
†V. Enid Sater, M. S., *Research Specialist in Equipment.*
*†Elizabeth N. Todhunter, Ph. D., *Asst. Prof. Nutr.*
*Una Vermilion, M. S., *Instr. Institution Econ. and Asst. Dietitian.*

Horticulture:
*†E. L. Overholser, Ph. D., *Head of Dept. and Div. of Hort.*
*J. R. Herman, M. S., *Instr. Landsc. Gard. and Flor.*
*†O. M. Morris, M. S., *Prof. Hort.; Hort.*
†F. L. Overley, M. S., *Assoc. Hort.* (*P. O., Wenatchee*).
†C. D. Schwartze, B. S., *Research Asst. in Hort.*
*†C. L. Vincent, M. S., *Asst. Prof. and Asst. Hort.*
†G. W. Young, B. S., *Research Asst. in Hort.*

Plant Pathology:
*†F. D. Heald, Ph. D., *Head of Dept. and Div. of Plant Path.*
*G. W. Fischer, Ph. D., *Instr. Plant Path.*
†C. S. Holton, Ph. D., *Agt.* (*Coop. U. S. D. A.*).
*†L. K. Jones, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Poultry Husbandry:
*†J. S. Carver, B. S., *Head of Dept. and Div. of Poultry Husb.*
‡W. D. Buchanan, B. S., *Ext. Poultryman.*
*†Victor Heiman, Ph. D., *Instr. and Asst. in Poultry Husb.*

Veterinary Medicine:
*E. E. Wegner, D. V. S., B. S., *Dean Coll. of Vet. Med. and Prof. Surg.*
*F. N. Bell, D. V. M., M. S., *Instr. Vet. Anat.*
*P. H. Blickenstaff, D. V. M., M. S., *Asst. Prof. Vet. Med.*
*N. G. Covington, V. M. D., *Asst. Prof. Physiol. and Pharmacol.*
†C. M. Hamilton, D. V. M., *Asst. Vet.* (*P. O., Puyallup*).
†J. W. Kalkus, D. V. S., *Vet.* (*P. O., Puyallup*).
†C. E. Sawyer, D. V. M., *Research Vet.* (*P. O., Puyallup*).
*H. A. Smith, M. D. V., *Asst. Prof. Vet. Bact.*

Zoology:[1]
*†R. L. Webster, Ph. D., *Head Dept. of Zool. and Div. of Ent. Prof. Ent.*
*J. F. G. Clarke, M. S., *Instr. Zool.*
†A. J. Hanson, M. S., *Asst. Ent.* (*P. O., Puyallup*).
*R. F. MacLennan, Ph. D., *Asst. Prof. Zool.*
†James Marshall, M. S., *Asst. Ent.* (*P. O., Wenatchee*).
*Arthur Svihla, Ph. D., *Asst. Prof. Zool. and Curator of Museum.*
*George Van Vleet, Jr., M. S., *Instr. Zool.*

Substations:
Adams Branch Expt. Sta., *P. O., Lind*—
H. M. Wanser, M. S., *Supt.*
C. I. Seely, B. S., *Asst. Agron.*
Cranberry-Blueberry Lab., *P. O., Longbeach*—
D. J. Crowley, B. S., *Specialist in Cranberry Invest.*
Irrig. Branch Expt. Sta., *P. O., Prosser*—
H. P. Singleton, M. S., *Assoc. in Agron. and Supt.*
C. A. Larsen, Ph. D., *Specialist in Irrig. Invest.* (*Coop. U. S. D. A.*).
Pacific NW. Soil Erosion and Moisture Conservation Expt. Sta. (Coop. U. S. D. A.), *P. O., Pullman*—
W. A. Rockie,[2] B. S., *Supt.*
C. E. Deardorff, M. S., *Actg. Supt.*
P. C. McGrew, B. S., *Agr. Engin.*
A. J. Johnson, *Agt.*

Western Washington Experiment Station, *P. O., Puyallup:*
J. W. Kalkus, D. V. S., *Supt.*
G. E. Bearse, B. S., *Asst. Poultryman.*
M. S. Grunder, M. S., *Agron.*
C. M. Hamilton, D. V. M., *Asst. Vet.*
A. J. Hanson, M. S., *Ent.*
R. E. Hodgson, M. S., *Dairy Husb.* (*Coop. U. S. D. A.*).
G. A. Huber, Ph. D., *Plant Path.*
M. W. Miller, M. S., *Poultryman.*
C. E. Sawyer, D. V. M., *Poultry Research Vet.*
Verne E. Smith, *Lab. Asst.*

---

[1] Courses given in College of Sciences and Arts.
[2] On leave.

WEST VIRGINIA

College of Agriculture and Agricultural Experiment Station of West Virginia University, *Morgantown*

*College faculty. †Station staff. ‡Extension staff.

*R. A. Armstrong, A. M., L. H. D., LL. D., *Actg. President of University.*
*††F. D. Fromme, Ph. D., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext.*
‡J. O. Knapp, B. S., *Asst. Dir. of Agr. Ext.*

Agronomy and Genetics:
*††R. J. Garber, Ph. D., *Head of Dept.*
*†L. S. Bennett, M. S., *Instr. and Asst. in Agron.*
*†C. R. Burnham, Ph. D., *Asst. Prof. and Asst. Geneticist.*
‡R. J. Friant, B. S., *Ext. Agron.*
†T. C. McIlvaine, Ph. D., *Asst. Agron. (Coop. U. S. D. A.: P. O., Lakin).*
*†W. H. Pierre, Ph. D., *Assoc. Prof. and Assoc. Agron.*
*†G. G. Pohlman, Ph. D., *Asst. Prof. and Asst. Agron.*

Animal Husbandry:
*††E. A. Livesay, D. Sc., *Head of Dept.*
†T. B. Clark, M. S., *Asst. in Poultry Research.*
‡B. F. Creech, B. S., *Ext. An. Husb.*
‡H. M. Hyre, M. S., *Ext. Poultryman.*
*†J. H. Longwell, A. M., *Asst. Prof. and Asst. An. Husb.*
*†J. H. Rietz, D. V. M., M. S., *Assoc. Prof. Vet. Med.; Assoc. Vet.*
†R. H. Tuckwiller, B. S., *Asst. An. Husb. (Coop. U. S. D. A.: P. O., Lewisburg).*
*†E. T. Wightman, M. S, *Asst. Prof. and Asst. Poultry Husb.*
*††C. V. Wilson, M. S., *Asst. Prof. and Asst. An. Husb.*

Biology:
*††C. R. Orton, Ph. D., *Head of Dept. Prof. Plant Path.*
*Nelle P. Ammons, A. M., *Instr. Bot.*
†Anthony Berg, M. S., *Assoc. Plant Path.*
*†Hazel C. Cameron, M. A., *Asst. Prof. Physiol. and Nutr.; Research Specialist in Nutr.*
*Genevieve B. Clulo, M. A., *Instr. Bot.*
*E. L. Core, A. M., *Asst. Prof. Bot.*
*L. R. Gribble, M. S., *Instr. Zool.*
‡D. B. Griffin, B. S. F., *Ext. For.*
*†L. H. Leonian, Ph. D., *Assoc. Prof. and Mycol.*
*W. C. Percival, Ph. D., *Asst. Prof. For.*
*A. M. Reese, Ph. D., *Prof. Zool.*
†F. J. Schneiderhan, Ph. D., *Assoc. Plant Path. (P. O. Kearneysville).*
‡E. C. Sherwood, M. S., *Ext. Plant Path. and Ent.*
*R. C. Spangler, Ph. D., *Prof. Bot.*
*P. D. Strausbaugh, Ph. D., *Prof. Bot.*
*L. H. Taylor, D. Sc., *Assoc. Prof. Bot.*

Chemistry (Agr.):
*†R. B. Dustman, Ph. D., *Head of Dept.*
†I. J. Duncan, M. S., *Asst. in Agr. Chem.*
†A. H. Van Landingham, Ph. D., *Asst. Chem.*
†C. E. Weakley, Jr., M. A., *Asst. Chem.*

Dairy Husbandry:
*††H. O. Henderson, Ph. D., *Head of Dept.*
†R. A. Ackerman, M. S., *Asst. Dairy Husb. (P. O., Wardensville).*

Dairy Husbandry—Continued.
*†G. A. Bowling, M. S., *Asst. Prof. and Asst. Dairy Husb.*
*†L. M. Thurston, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*

Economics (Farm):
†W. W. Armentrout, Ph. D., *Farm Econ.*
†C. H. Bruce, B. S., *Asst. in Farm Econ.*
†J. L. Copeman, B. S., *Asst. in Farm Econ.*
*†F. D. Cornell, Jr. M. S., *Asst. Prof. and Asst. Farm Mech.*
‡R. G. Ellyson, B. S., *Asst. Ext. Econ.*
†L. F. Herrmann, M. S., *Asst. in Farm Econ.*
†R. O. Stelzer, M. S., *Asst. Farm Econ.*
‡C. E. Stockdale, M. S., *Ext. Econ.*

Editorial—See **Journalism.**

Entomology:
*†L. M. Peairs, Ph. D., *Head of Dept.*
†Edwin Gould, B. S., *Asst. in Ent. (P. O., Kearneysville).*

Extension (Admin.):[1]
Director Fromme *in charge.*
‡J. O. Knapp, B. S., *Asst. Dir.*
‡R. H. Gist, B. S., *County Agt. Leader.*
‡C. H. Hartley, B. S., *State Club Leader.*
‡Gladys M. Scranage, B. S., *State Girls' Club Agt.*
‡W. H. Kendrick, B. S., *Dir. State 4-H Camp (P. O., Weston).*
‡Gertrude Humphreys, A. B., *State Agt.*
‡I. B. Boggs, *Asst. State Club Leader.*

Home Economics:
*Rachel H. Colwell, A. M., *Head of Dept.*
*Montelle Dietrich, M. S., *Instr. Home Econ.*
*Elizabeth V. Hagy, B. S., *Asst. in Home Econ.*
*Nell Nesbitt, A. M., *Asst. Prof. Home Econ.*
*Ruth D. Noer, M. S., *Asst. Prof. Home Econ.*
*Beth M. Palmer, M. S., *Asst. Prof. Home Econ.*
*Zola Shirey, B. S., *Asst. in Home Econ. and Asst. Dietitian.*
*Mayme E. Waddell, B. S., *Instr. Home Econ. and Dietitian.*

Horticulture:
*††H. E. Knowlton, Ph. D., *Head of Dept.*
††L. P. Batjer, Ph. D., *Asst. and Ext. Hort. (P. O., Kearneysville).*
*†W. H. Childs, M. S., *Instr. and Asst. in Hort.*
‡Dee Crane, *Potato Specialist.*
*†A. P. Dye, M. S., *Instr. and Asst. in Hort.*
‡T. D. Gray, B. S., *Ext. Landsc. Arch.*
*†E. N. McCubbin, A. M., *Instr. and Asst. in Hort.*

[1] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.

Horticulture—Continued.

‡H. W. Prettyman, B. S., *Ext. Hort. in Mktg. (P. O., Inwood).*
*†K. C. Westover, M. S. *Asst. Prof. and Asst. Hort.*

Journalism (Agr.):

‡Leland Booth, B. S., *Assoc. Ext. Editor.*
*†Gerald Jenny, M. S., *Agr. Editor.*
‡W. C. Schnopp, B. S., *Ext. Editor and Publicity Specialist.*

Rural Organization:

*R. A. Olney, Ph. D., *Assoc. Prof. Rural Organ.*
*D. W. Parsons, Ph. D., *Assoc. Prof. Rural Organ.*

Miscellaneous:

*L. D. Arnett, Ph. D., *Libr.*
‡Elizabeth M. Eckhardt, M. A., *Recreation Specialist (P. O., Wheeling).*

Miscellaneous—Continued.

*†J. C. Johnston, *Chief Clerk.*
*†‡C. T. Neff, Jr., A. B., *Financial Secy.*
‡A. H. Rapking, B. D., *Ext. Sociol. in Rural Organ.*

Substations:

Lakin Expt. Farm, *P. O. Lakin*—
T. C. McIlvaine, Ph. D., *Asst. Agron. in charge (Coop. U. S. D. A.).*
Reymann Memorial Farms, *P. O., Wardensville*—
R. A. Ackerman, M. S., *Asst. Dairy Husb. in charge.*
University Expt. Farm, *P. O., Kearneysville*—
F. J. Schneiderhan, Ph. D., *Assoc. Plant Path. in charge.*
L. P. Batjer, Ph. D., *Asst. Hort.*
Edwin Gould, B. S., *Asst. in Ent.*

West Virginia State College, *Institute*

*Agricultural faculty. ‡Extension staff.

*John W. Davis, A. M., Litt. D., *President.*
*A. W. Curtis, M. Agr., *Dir. of Agr.*

*Mae B. Arrington, M. A., *Dir. Dept. of Home Econ.*
‡J. E. Banks, *State Club Agt.*
*L. P. Drain, B. S. in L. S., *Assoc. Libr.*
*Mary E. Eubank, B. S., *Instr. Dom. Sci. and Art.*
*H. E. Finley, M. S., *Assoc. Prof. Biol.*
*B. L. Goode, M. S., *Instr. Agr.*
*A. P. Hamblin, B. S., *Prof. Biol.*
*R. W. James, *Instr. Voc. Agr.*
*M. M. Jefferson, M. A., *Libr.*
*Mrs. Julia L. Marsh, B. S., *Instr. Home Econ.*
‡Mrs. Lulu J. B. Moore, *Club Agt.*
*P. J. Moore, M. S., *Assoc. Prof. Chem.*
*W. J. L. Wallace, M. S., *Instr. Chem.*

WISCONSIN

College of Agriculture and the Agricultural Experiment Station of the University of Wisconsin,[1] *Madison*

*College faculty. †Station staff. ‡Extension staff.

*Glenn Frank, M. A., L. H. D., Litt. D., LL. D., *President of University.*
*†‡Chris L. Christensen, B. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service.*
*†‡I. L. Baldwin, Ph. D., *Asst. Dean Coll. of Agr.*
†Noble Clark, M. S., *Asst. Dir. of Sta.*
‡K. L. Hatch, B. S., *Assoc. Dir. of Agr. Ext. Service.*
*†‡A. J. Haas, *Executive Secy. and Financial Officer.*

Agronomy:

*†‡R. A. Moore, M. A., *Prof. and Chair. of Dept.*
*†H. L. Ahlgren, M. S., *Asst. in Agron.*
*‡G. M. Briggs, M. S., *Assoc. Prof. Agron., Assoc. Dir. of Short Course.*
*†‡E. J. Delwiche, M. S., *Prof. Agron. (P. O., Green Bay).*
*†‡L. F. Graber, Ph. D., *Prof. Agron.*
*†‡E. D. Holden, M. S., *Asst. Prof. Agron.*
*†B. D. Leith, B. S., *Prof. Agron.; Supt. Hill Farms.*
‡N. P. Neal, M. S., *Instr. Agron.*
†R. G. Shands, Ph. D., *Asst. Prof. Agron. (Coop. U. S. D. A.).*
*‡A. L. Stone, *Assoc. Prof. Agron.*
*†‡A. H. Wright, M. S., *Prof. Agron. (Coop. U. S. D. A.).*

Animal Husbandry:

*†‡G. C. Humphrey, B. S., *Prof. and Chair. of Dept.*
*†G. Bohstedt, Ph. D., *Prof. An. Husb.*
*‡A. J. Cramer, B. S., *Instr. An. Husb.*
†H. J. Deobald, M. S., *Asst. in An. Husb.*
*†‡J. M. Fargo, M. S., *Asst. Prof. An. Husb.*

Animal Husbandry—Continued.

*†‡J. G. Fuller, M. S., *Prof. An. Husb.*
*‡R. T. Harris, *Instr. An. Husb. and Supvr. in charge Dairy Tests.*
‡J. J. Lacey, B. S., *Ext. Asst. Prof. An. Husb.*
‡A. M. Mucks, B. S., *Ext. Assoc. Prof. An. Husb.*
‡J. C. Nisbet, B. S., *Asst. Prof. in charge Farm Accts. and Dairy Records (P. O., Fort Atkinson).*
‡Mrs. Beulah Olson, *Ext. Asst. in An. Husb.*
*†B. H. Roche, M. S., *Asst. Prof. An. Husb.*
*†‡I. W. Rupel, Ph. D., *Asst. Prof. An. Husb.*

Bacteriology (Agr.):

*†‡E. G. Hastings, M. S., *Prof. and Chair. of Dept.*
*†‡I. L. Baldwin, Ph. D., *Prof. Agr. Bact.*
†P. R. Ellicker, B. S., *Asst. in Agr. Bact.*
*†Mildred A. Engelbrecht, Ph. D., *Instr. Agr. Bact.*

[1] This institution gives the academic title to all employees.

Bacteriology (Agr.)—Continued.

*†W. C. Frazier, Ph. D., *Prof. Agr. Bact.*
*††E. B. Fred, Ph. D., *Prof. Agr. Bact. Dean of Grad. School.*
*†W. D. Frost, Ph. D., D. P. H., *Prof. Agr. Bact.*
*†Elizabeth F. McCoy, Ph. D., *Asst. Prof. Agr. Bact.*
†J. J. Reid, M. S., *Asst. in Agr. Bact.*
*†H. E. Sagen, Ph. D., *Asst. in Agr. Bact.*
*†P. W. Wilson, Ph. D., *Asst. Prof. Agr. Bact.*

Chemistry (Agr.):

*†E. B. Hart, B. S., *Prof. and Chair. of Dept.*
*†C. A. Elvehjem, Ph. D., *Assoc. Prof. Agr. Chem.*
*†O. L. Kline, Ph. D., *Asst. in Agr. Chem.*
*†K. P. Link, Ph. D., *Prof. Agr. Chem.*
*†J. T. Lowe, M. S., *Asst. in Agr. Chem.*
*†W. H. Peterson, Ph. D., *Prof. Agr. Chem.*
†Blanche M. Riising, M. S., *Instr. Agr. Chem.*
*†M. O. Schultze, M. S., *Asst. in Agr. Chem.*
*†Harry Steenbock, Ph. D., *Prof. Agr. Chem.*
*†F. M. Strong, Ph. D., *Instr. Agr. Chem.*
*†W. E. Tottingham, Ph. D., *Assoc. Prof. Agr. Chem.*
*†P. W. Wilson, Ph. D., *Asst. Prof. Agr. Chem.*

Dairy Industry:

*††H. C. Jackson, Ph. D., *Prof. and Chair. of Dept.*
‡C. A. Buck, B. S., *Ext. Instr. Dairy Indus. (P. O., Monroe).*
*†F. E. Hanson, M. S., *Asst. Dairy Indus.*
*†W. V. Price, Ph. D., *Prof. Dairy Indus.*
*‡J. L. Sammis, Ph. D., *Assoc. Prof. Dairy Indus.*
*†H. H. Sommer, Ph. D., *Prof. Dairy Indus.*
‡H. T. Sondergaard, *Ext. Instr. Dairy Indus.*
*†L. C. Thomsen, B. S., *Asst. Prof. Dairy Indus.*
*†K. G. Weckel, M. S., *Asst. Dairy Indus.*

Economics (Agr.):

*††Asher Hobson, Ph. D., *Prof. and Chair. of Dept.*
†D. S. Anderson, B. S., *Asst. Prof. Agr. Econ.*
*††H. H. Bakken, M. A., *Assoc. Prof. Agr. Econ.*
‡R. K. Froker, M. A., *Ext. Assoc. Prof. Agr. Econ.*
‡I. F. Hall, Ph. D., *Ext. Asst. Prof. Agr. Econ.*
*††B. H. Hibbard, Ph. D., *Prof. Agr. Econ.*
‡A. C. Hoffman, M. S., *Ext. Asst. Prof. Agr. Econ.*
†Vivian Horn, B. A., *Asst. in Agr. Econ. (Wildlife Mgt.).*
†Myrtle E. Jones, B. A., *Asst. in Agr. Econ.*
†A. S. Leopold, M. F., *Prof. Agr. Econ. (Wildlife Mgt.).*
*†P. E. McNall, Ph. D., *Prof. Agr. Econ.*
*†D. R. Mitchell, M. S., *Instr. Agr. Econ.*

Economics (Agr.)—Continued.

*††W. P. Mortenson, Ph. D., *Asst. Prof. Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
*††M. A. Schaars, M. S., *Asst. Prof. Agr. Econ.*
†C. F. Wehrwein, Ph. D., *Instr. Agr. Econ.*
*††G. S. Wehrwein, Ph. D., *Prof. Agr. Econ.*

Editorial—See **Journalism.**

Education (Agr.):

*J. A. James, B. S., *Prof. and Chair. of Dept.*
*‡V. E. Kivlin, M. S., *Assoc. Prof. Agr. Ed., Dir. Short Course in Agr.*

Engineering (Agr.):

*††E. R. Jones, M. S., *Prof. and Chair. of Dept.*
*†H. D. Bruhn, B. S., *Asst. in Agr. Engin.*
*†F. W. Duffee, B. S., *Prof. Agr. Engin.*
‡F. B. Trenk, M. S., *Ext. Asst. Prof. Agr. Engin. (Ext. For.).*
‡S. A. Witzel, M. S. in C. E., *Ext. Asst. Prof. Agr. Engin.*
‡O. R. Zeasman, B. S., *Ext. Assoc. Prof. Agr. Engin.*

Entomology (Econ.):

*†H. F. Wilson, M. S., *Prof. and Chair. of Dept.*
†E. C. Alfonsus, M. S., *Instr. Econ. Ent.*
*†T. C. Allen, Ph. D., *Instr. Econ. Ent.*
*†C. L. Fluke, Jr., Ph. D., *Assoc. Prof. Econ. Ent.*
†P. O. Ritcher, A. M., *Asst. in Econ. Ent.*
*†E. M. Searls, M. S., *Asst. Prof. Econ. Ent.*

Extension (Admin.): [1]

‡K. L. Hatch, B. S., *Assoc. Dir. in charge.*
‡J. F. Wojta, M. S., *State Leader of County Agts.*
‡Mrs. Luella S. Mortenson, B. S., *State Leader Home Dem. Agts.*
‡T. L. Bewick, M. S., Ph. M., *State Club Leader.*
‡Geneva L. Amundson, B. S., *Asst. State Club Leader.*
‡R. A. Amundson, B. S., *Asst. County Agt. Leader.*
‡Charlotte Clark, B. S., *Home Dem. Agt. at Large.*
‡W. W. Clark, M. S., *Asst. County Agt. Leader.*
‡E. L. Luther, B. S., *Asst. County Agt. Leader.*
‡Wakelin McNeel, B. S., *Asst. State Club Leader (For.).*
‡Ruth A. Peck, B. S., *Home Dem. Agt. at Large.*
‡W. A. Rowlands, B. S., *Asst. County Agt. Leader.*
‡Elizabeth M. Salter, B. S., *Asst. State Club Leader.*
‡V. V. Varney, B. S., *Asst. State Club Leader.*

Genetics:

*†L. J. Cole, Ph. D., *Prof. and Chair. of Dept.*
*†R. A. Brink, D. Sc., *Prof. Genetics.*
†H. R. Albrecht, M. S., *Asst. in Genetics.*
†A. B. Chapman, M. S., *Asst. in Genetics.*
†G. E. Dickerson, M. S., *Asst. in Genetics.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, home economics, etc.

Genetics—Continued.

†M. R. Irwin, Ph. D., *Asst. Prof. Genetics (Coop. U. S. D. A.).*
†N. P. Neal, M. S., *Instr. Genetics.*
†Mrs. Margaret H. Smith, B. A., *Asst. in Genetics.*

Home Economics:

*†Abby L. Marlatt, D. Sc., *Prof. and Chair. of Dept. and Dir. of Courses.*
*Cecelia F. Abry, M. S., *Instr. Home Econ.*
*Helen L. Allen, M. A., *Instr. Home Econ.*
*†May L. Cowles, Ph. D., *Asst. Prof. Home Econ.*
*Georgia C. Durden, B. E., *Instr. Home Econ.*
‡Wealthy M. Hale, B. S., *Ext. Asst. Prof. Home Mgt.*
*Dorothy L. Husseman, M. S., *Instr. Home Econ.*
‡Mrs. Nellie K. Jones, B. S., LL. D., *Emeritus Prof. Home Econ. Ext.*
*Marion A. Juaire, M. S., *Asst. Prof. Home Econ.*
†Eunice E. Kelley, B. S., *Asst. in Home Econ.*
*Jean Krueger, Ph. B., M. S., *Asst. in Home Econ.*
*†Hazel Manning, M. S., *Prof. Home Econ.*
‡Mrs. Margaret P. McCordic, B. S., *Ext. Instr. Clothing.*
‡Gladys L. Meloche, M. S., *Ext. Asst. Prof. Clothing.*
*Mrs. Dorothy R. Mendenhall, M. D., Sc. D., *Lect. in Home Econ.*
‡Mrs. Luella S. Mortenson, B. S., *Ext. Asst. Prof. Home Econ.*
*Ruth H. Myrland, B. A., *Asst. to Chair. of Dept.*
*Mrs. Elizabeth J. Neal, B. S., *Asst. Prof. Home Econ.*
*Mrs. Julia F. Nofsker, Ph. D., *Instr. Home Econ.*
*†Helen T. Parsons, Ph. D., *Assoc. Prof. Home Econ.*
*Stella T. Patton, M. S., *Asst. Prof. Home Econ.*
*Mrs. Ruth S. Randolph, M. A., *Asst. Prof. Home Econ.*
*Mrs. May S. Reynolds, M. S., *Asst. Prof. Home Econ.*
*Frances E. Roberts, M. S., *Instr. Home Econ.*
‡Gladys S. Stillman, Ph. B., M. S., *Ext. Asst. Prof. Foods and Nutr.*

Horticulture:

*†‡J. G. Moore, M. S., M. H., *Prof. and Chair. of Dept.*
*‡F. A. Aust, M. S., M. L. D., *Assoc. Prof. Hort. (Landsc. Design).*
*‡J. W. Brann, M. S., *Asst. Prof. Hort.*
*†O. B. Combs, M. S., *Asst. in Hort.*
*†Isme A. Hoggan, Ph. D., *Asst. Prof. Hort. (Coop. U. S. D. A.).*
‡L. G. Holmes, B. S., *Ext. Instr. Hort.*
*†‡James Johnson, Ph. D., *Prof. Hort. (Coop. U. S. D. A.).*
‡C. L. Kuehner, B. S., *Ext. Asst. Prof. Hort.*
†L. R. Langord, B. S., *Asst. in Hort.*
*‡G. W. Longenecker, M. S., *Asst. Prof. Hort.*
*‡J. G. Milward, M. S., *Prof. Hort.*
†W. B. Ogden, M. S., *Instr. Hort.*
*†R. H. Roberts, Ph. D., *Prof. Hort.*

Journalism (Agr.):

*†‡A. W. Hopkins, B. L., *Prof. and Chair. of Dept. Agr. Editor.*
‡T. L. Cleary, B. S., *Asst. Ext. Editor.*

Journalism (Agr.)—Continued.

*‡K. M. Gapen, M. S., *Instr. Agr. Journalism.*
*†‡Grace E. Langdon, M. A., *Instr. Agr. Journalism. Asst. Editor.*
*‡R. H. Rasmussen, B. S., *Instr. Agr. Journalism.*
*†W. A. Sumner, M. Ph., *Prof. Agr. Journalism.*

Plant Pathology:

*†G. W. Keitt, Ph. D., *Prof. and Chair. of Dept.*
*E. C. Blodgett, Ph. D., *Asst. in Plant Path.*
†‡J. W. Brann, M. S., *Asst. Prof. Plant Path.*
*†J. G. Dickson, Ph. D., *Prof. Plant Path. (Coop. U. S. D. A.).*
*B. M. Duggar, Ph. D., *Prof. Plant Path.*
*†E. M. Gilbert, Ph. D., *Prof. Plant Path.*
*†‡L. R. Jones, Ph. D., D. Sc., *Prof. Plant Path.*
*†‡Elizabeth Larson, B. A., *Asst. in Plant Path.*
†R. H. Larson, Ph. D., *Asst. in Plant Path.*
†N. P. Neal, M. S., *Instr. Plant Path.*
*†A. J. Riker, Ph. D., *Prof. Plant Path.*
*†‡R. E. Vaughan, M. S., *Prof. Plant Path.*
*J. C. Walker, Ph. D., *Prof. Plant Path. (Coop. U. S. D. A.).*

Poultry Husbandry:

*†‡J. G. Halpin, B. S., *Prof. and Chair. of Dept.*
*‡G. E. Annin, B. S., *Instr. Poultry Husb. and Poultry Specialist.*
‡J. B. Hayes, B. S., *Ext. Assoc. Prof. Poultry Husb.*
*†C. E. Holmes, M. S., *Asst. Prof. Poultry Husb.*

Sociology (Rural):

*†‡J. H. Kolb, Ph. D., *Prof. and Chair. of Dept.*
‡Amy A. Gessner, M. A., *Ext. Instr. Rural Sociol.*
*†‡E. L. Kirkpatrick, Ph. D., *Assoc. Prof. Rural Sociol.*
*†‡A. F. Wileden, M. S., *Asst. Prof. Rural Sociol.*

Soils:

*†‡A. R. Whitson, B. S., *Prof. and Chair. of Dept.*
†‡A. R. Albert, B. S., *Asst. Prof. Soils (P. O., Hancock).*
*‡C. J. Chapman, B. S., *Prof. Soils.*
*†E. J. Graul, M. S., *Assoc. Prof. Soils.*
*†H. H. Hull, Ph. D., *Instr. Soils.*
†‡F. L. Musbach, B. S., *Prof. Soils (P. O., Marshfield).*
*†Emil Truog, M. S., *Prof. Soils.*
*†S. A. Wilde, D. Sc., *Asst. Prof. Soils.*
‡O. R. Zeasman, B. S., *Ext. Assoc. Prof. Soils.*

Veterinary Science:

*†‡F. B. Hadley, D. V. M., *Prof. and Chair. of Dept.*
*A. S. Alexander, F. H. A. S., M. D. C., *Emeritus Prof. Vet. Sci.*
*†‡B. A. Beach, D. V. M., *Assoc. Prof. Vet. Sci.*
*†E. R. Carlson, D. V. M., M. S., *Instr. Vet. Sci.*
†L. C. Ferguson, D. V. M. *Asst. in Vet. Sci.*
*†C. A. Herrick, D. Sc., *Asst. Prof. Vet. Sci. and Zool.*
†H. W. Johnson, M. S., D. V. M., *Vet. Bact.*

Miscellaneous:

*†C. S. Hean, B. A., *Libr.*
*†Dagne Borge, *Libr. Asst.*
†‡Jennie M. Pitman, *Illustrator.*
*†Mrs. Josephine Shealy, *Senior Libr. Asst.*
†Raphael Zon, B. S., F. E., *Prof. For (Coop. U. S. D. A.: P. O., University Farm, St. Paul, Minn.).*
†J. H. Lilly, B. S., *Asst. in Branch Stas.*
†O. E. Sell, M. S., *Asst. in Branch Stas.*

Substations:

Ashland, Spooner, and Peninsular Branch Expt. Stas.—
E. J. Delwiche, M. S., *in charge (P. O., Green Bay).*

Substations—Continued.

Ashland, Spooner, and Peninsular Branch Expt. Stas.—Contd.
A. L. Bibby, B. S., *Asst. in Agron. (P. O., Spooner).*
Clarence Draeger, *Technician in Agron. (P. O., Ashland).*
David Holt, B. S., *Asst. in Agron. (P. O., Ashland).*
A. M. Strommen, B. S., *Asst. in Agron. (P. O., Ashland).*
Hancock and Coddington Branch Expt. Stas.—
A. R. Albert, B. S., *in charge (P. O., Hancock).*
Marshfield Branch Expt. Sta.—
F. L. Musbach, B. S., *in charge.*
A. J. Gehrman, *Agron.*

WYOMING

College of Agriculture and the Agricultural Experiment Station of the University of Wyoming, *Laramie*

*College faculty. †Station staff. ‡Extension staff.

*A. G. Crane, Ph. D., *President of University.*
*†J. A. Hill, B. S., *Dean Coll. of Agr., Dir. of Sta. Wool Specialist.*
‡A. E. Bowman, B. S., *Dir. of Ext. Work in Agr. and Home Econ.*

Agronomy and Economics (Agr.):

*†A. F. Vass, Ph. D., *Prof. Agron.; Agron.*
†T. J. Dunnewald, M. S., *Asst. in Soil Invest.*
*†Glen Hartman, M. S., *Assoc. Prof. and Assoc. Agron.*
*†Harry Pearson, M. S., *Asst. Prof. Agr. Econ.; Asst. Econ.*
*†W. A. Riedl, B. S., *Instr. and Asst. Agron.*
‡D. R. Sabin, B. S., *Crops and Soils Specialist.*
*†G. H. Starr, Ph. D., *Asst. Prof. Agron.; Asst. Agron. and Research Plant Path.*
‡A. W. Willis, M. S., *Asst. Ext. Econ.*

Animal Production:

*†F. S. Hultz,[1] Ph. D., *Prof. An. Prod.; An. Husb.*
*†R. H. Burns, Ph. D., *Assoc. Wool Specialist.*
*†J. A. Gorman, M. S., *Asst. Prof. An. Prod.; Asst. An. Husb.*
‡J. R. Neale, B. S., *Livestock and Dairy Specialist.*
*†M. O. North, M. S., *Asst. Prof. An. Prod.; Asst. Poultry Husb.*
‡O. N. Summers, B. S., *Poultry Specialist.*
*†S. S. Wheeler, M. S., *Assoc. Prof. An. Prod.; Assoc. An. Husb.*
*†H. S. Willard, Ph. D., *Assoc. Prof. An. Prod.; Assoc. An. Husb.*

Botany: [2]

*†Aven Nelson, Ph. D., D. Sc., *Prof. Bot.: Bot. and Hort.*
*C. L. Porter, M. S., *Asst. Prof. Bot.*
*W. G. Solheim, Ph. D., *Assoc. Prof. Bot.*

Chemistry (Agr.):

*P. T. Miller, M. A., *Prof. Chem.*
†O. A. Beath, M. A., *Research Chem.*
———, *Asst. Pharmacol.*
†H. F. Eppson, M. S., *Asst. Chem.*
*F. C. Freytag, Ph. D., *Asst. Prof. Chem.*

Chemistry (Agr.)—Continued.

†C. S. Gilbert, M. A., *Asst. Research Chem.*
*†F. E. Hepner, M. S., *Prof. Chem.; Head of Weather Sta.*
†O. C. McCreary, Ph. D., *Assoc. Research Chem.*
*E. R. Schierz, Ph. D., *Prof. Chem.*
*L. E. Walter, M. S., *Prof. Chem. (State Chem.).*

Economics—See **Agronomy.**

Education (Admin.): [3]

*S. H. Dadisman, M. S., *Prof. Teacher Training in Agr.*

Entomology and Apiculture:

†C. L. Farrar, Ph. D., *Assoc. Apiculturist, U. S. Intermountain Bee Culture Field Sta.*
†C. H. Gilbert, M. S., *Asst. Research Apiculturist.*
†A. P. Sturtevant, Ph. D., *Assoc. Apiculturist in charge U. S. Intermountain Bee Culture Field Sta.*

Extension (Admin.): [4]

Director Bowman *in charge.*
‡F. P. Lane, M. S., *County Agt. Leader.*
‡Mary G. Collopy, B. S., *State Home Dem. Leader.*
‡B. W. Marston, B. S., *State Club Leader.*
‡G. W. O'Roke, *Admin. Asst.*

Home Economics:

*†Elizabeth J. McKittrick, M. S., *Prof. and Head of Div.*
*Ruth Bumpas, M. S., *Asst. Prof. Home Econ.*
‡Bernice Forest, B. S., *Clothing Specialist.*
‡Evangeline Jennings, B. S., *Foods and Nutr. Specialist.*
*Veva E. Lukin, M. A., *Asst. Prof. Teacher Training in Home Econ.*
*Marita Monroe, M. S., *Asst. Prof. Institution Admin.*

---

[1] On leave.
[2] Courses given in Division of Letters and Science.
[3] Courses given in College of Education.
[4] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

Home Economics—Continued.

*†Emma J. Thiessen, M. A., *Asst. Prof. and Research Asst. Home Econ.*

Horticulture:

‡H. L. Curtiss, B. S., *Ext. Landsc. Arch.*

‡W. O. Edmondson, B. S., *Farm For. and Hort. Specialist.*

Veterinary Science and Bacteriology:

*†A. M. Lee, D. V. M., M. S., *Assoc. Prof. Vet. Sci. and Bact.; Research Path.*

*†L. H. Scrivner, D. V. M., *Asst. Prof. Vet. Sci. and Bact.; Asst. Vet.*

Zoology:

*†J. W. Scott, Ph. D., *Prof. Zool.; Research Parasitol.*

*Mary J. Brown, Ph. D., *Asst. Prof. Zool. and Physiol.*

‡A. S. Hamm, B. S., *Rodent Control Specialist (Coop. U. S. D. A.).*

†R. F. Honess, M. A., *Research Asst. in Parasitol.*

*A. B. Mickey, M. A., *Asst. Prof. Zool.*

*W. B. Owen, M. A., *Asst. Prof. Zool.*

Miscellaneous:

*†Mary E. Marks, Ph. B., B. L. S., *Libr.*

Experiment Farms:

W. L. Quayle, B. S., *Dir. of Expts. and Expt. Farms.*

Archer Field Sta. (Coop. U. S. D. A.), *P. O., Cheyenne*—A. L. Nelson, M. S., *Supt.*

Campbell County Expt. Farm, *P. O., Gillette*—P. K. Thompson, B. S., *Supt.*

Fremont County Expt. Farm, *P. O., Lander*—J. M. Steinbrech, *Supt.*

Goshen County Expt. Farm, *P. O., Torrington*—Wesley Roath, M. S., *Supt.*

Lincoln County Expt. Farm, *P. O., Afton*—R. J. Hyer, B. S., *Supt.*

Sheridan Field Sta. (Coop. U. S. D. A.), *P. O., Sheridan*—R. S. Towle, B. S., *Supt.*

Sweetwater County Expt. Farm, *P. O., Eden*—S. F. Martin, B. S., *Supt.*

Uinta County Expt. Farm, *P. O., Lyman*—T. J. Brough, *Supt.*

Washakie County Expt. Farm, *P. O., Worland*—A. S. Ingraham, B. S., *Supt.*

INDEX OF NAMES

[The letters "a" and "b" after page numbers indicate left and right columns of page, respectively]

Aase, H. C., 94a.
Abbott, C. E., 15a.
Abbott, F. H., 6b.
Abbott, O. D., 15a.
Abbott, R. C., 54a.
Abbott, W. C., 35b.
Abell, M. F., 56a.
Ableiter K., 68a.
Abrams, G. J., 38b.
Abry, C. F., 99a.
Ackerman, F. G., 32b.
Ackerman, J., 21a.
Ackerman, R. A., 96a, 97b.
Ackerman, W. T., 56a.
Ackerson, C. W., 54a.
Ackert, J. E., 32b.
Adair, C. R., 4a.
Adams, B., 65a.
Adams, B. S., 17a.
Adams, C. F., 54a.
Adams, F., 7a.
Adams, G. E., 81a.
Adams, G. O., 2a.
Adams, H. M., 59a.
Adams, J. E., 83b.
Adams, J. F., 13b.
Adams, M., 55a.
Adams, P. G., 73a.
Adams, R. L., 7a.
Adams, W. L., 81a.
Adams, W. R., Jr., 91b.
Adcock, R., 74a.
Addington, L. H., 60a.
Aderhold, O. C., 16a.
Adolph, F. L., 79a.
Adriance, G. W., 88b.
Adsuar, J., 80a.
Agan, A. T., 31b.
Agren, E., 90b.
Ahlborn, M., 31b.
Ahlgren, H. L., 97a.
Ahmann, C. F., 15a.
Aicher, L. C., 32b.
Aikman, J. M., 26a.
Ainsworth, H. F., 24a.
Aitkenhead, W., 23b.
Akers, T. F., 49b.
Albert, A. R., 99b, 100b.
Albert, D. W., 4a, b.
Albert, E. J., 92a.
Albert, W. B., 83b.
Albrecht, H. R., 98b.
Albrecht, W. A., 51b.
Albright, W. P., 74b.
Alcorn, P., 12b.
Alder, B., 90b.
Alder, H. E., 55a.
Alderman, G. W., 41b.
Alderman, O. A., 72a.
Alderman, W. H., 47a.
Aldous, A. E., 30a.
Aldrich, W. W., 77b.
Alex, A. H., 88a.
Alexander, A. S., 99b.
Alexander, C. L., 45a.
Alexander, C. P., 40b.
Alexander, E. D., 16a.
Alexander, E. R., 87b.
Alexander, J. M., 89a.
Alexander, Mrs. L., 16b.
Alexander, L. J., 72a.
Alexander, M. A., 53a.
Alexander, N., 82a.
Alfonsus, E. C., 98b.
Alford, A. O., 66b.
Alfredson, B. V., 44b.
Allbaugh, L. G., 26b.
Allen, A. A., 62b.
Allen, A. C., 9b.
Allen, E. E., 77a.
Allen, Mrs. E. H., 23a.
Allen, Mrs. E. M., 63a.
Allen, F. J., 23a.
Allen, F. W., 8b.
Allen, H., 72b.
Allen, H. L. (Mass.), 40a.
Allen, H. L. (Wis.), 99a.
Allen, H. R., 34b.
Allen, J. C., 25b.
Allen, L. J., 76b.
Allen, N., 36a.
Allen, N. N., 45b.
Allen, O. N., 18a.
Allen, P. W., 85a.
Allen, R. C., 64a.
Allen, R. F., 6a.
Allen, T. C., 98b.
Allen, W. H., 58a.
Allison, C. C., 47a.
Allison, I. M. K., 10b.
Allison, J. H., 46b.
Allison, L. E., 20a.
Allison, R. V., 15b.
Allred, C. E., 85b.
Allsbrook, W., 67b.
Almquist, H. J., 9b.
Almy, E. F., 70a.
Alp, H. H., 20b.
Alstyne, L. M. van, 65b.
Alvarez, A. A., 80a.
Alvey, C. H., 23a.
Alvord, B. F., 1b.
Alway, F. J., 47b.
Amberson, J. D., 79a.
Ambrose, M. A., 85b.
Amburgey, L. V., 34b.
Ames, C. T., 49b.
Ames, J. W., 71a.
Amick, H. C., 86a.
Amick, W. R., 24a.
Ammons, N. P., 96a.
Amstein, M. G., 5b.
Amundson, G., 42b.
Amundson, G. L., 98b.
Amundson, R. A., 98b.
Anderberg, W. R., 46a.
Anders, C. B., 48a.
Anders, I. A., 86a.
Anderson, A., 53a.
Anderson, Mrs. A. C., 54b.
Anderson, A. K., 78a.
Anderson, A. L, 25a.
Anderson, B. G., 93b.
Anderson, C. A., 6a.
Anderson, C. E., 39b.
Anderson, C. S., 78b.
Anderson, D. B., 66b.
Anderson, D. C., 9a.
Anderson, D. I., 28a.
Anderson, D. S., 98a.
Anderson, E. E., 60a.
Anderson, E. J. (Pa.), 79b.
Anderson, E. J. (Tex.), 89a.
Anderson, E. O., 11b.
Anderson, F. A., IV, 9a.
Anderson, H. E., 60b.
Anderson, H. G., 68b.
Anderson, H. W., 22b.
Anderson, I. M. C., 52a.
Anderson, J. A. (Minn.), 48b.
Anderson, J. A. (N. J.), 57a.
Anderson, J. C., 20a.
Anderson, J. E., 32a.
Anderson, J. W. C., 51a.
Anderson, L. C., 65b.
Anderson, L. D., 93a.
Anderson, L. V., 91b.
Anderson, Mabel, 28a.
Anderson, Mae, 28a.
Anderson, M. A., 69a.
Anderson, Mrs. M. E., 39a.
Anderson, Mrs. M. W., 58a.
Anderson, P. A., 45a.
Anderson, P. J., 13b.
Anderson, P. O., 46b.
Anderson, S. A., 23b.
Anderson, W. A., 65b.
Anderson, W. S., 33a.
Andes, J. O., 86b.
Andrews, F. H., 84a.
Andrews, F. S., 83a.
Andrews, J. B., 21a.
Andrews, L. E., 81b.
Andrews, W. B., 48a.
Angelo, E., 47a.
Annin, G. E., 99b.
Anthony, E. L., 41a, 42a.
Anthony, L. A., 52a.
Anthony, R. D., 79a.
Applegate, A. A., 84b.
Appleman, C. O., 38a.
Appleman, D., 8b.
Arant, F. S., 2b.
Arbour, M. B., 35b.
Archibald, J. G., 39a.
Archibald, L. S., 57b.
Arey, J. A., 66a.
Armentrout, W. W., 96b.
Armes, M. J., 78b.
Armstrong, Mrs. C. W., 93a.
Armstrong, F. E., 18a.
Armstrong, G. B., 22a.
Armstrong, G. M., 82a.
Armstrong, L. O., 67a.
Armstrong, R. A., 96a.
Armstrong, W. D., 17b.
Armstrong, W. H., 41a.
Arndt, C. H., 82a.
Arnett, L. D., 97a.
Arnold, E. L., 62b.
Arnold, F. A., 39a.
Arnold, F. J., 25a.
Arnold, L. E., 14a.
Arnold, P. T. D., 14a.
Arnquist, Mrs. G. G., 2a.
Arny, A. C., 45a.
Arrington, M. B., 97a.
Arroyo, A., 81a.
Arroyo, R., 80a.
Arthur, I. W., 26b.
Arthur, J. C., 23a.
Asbury, S. E., 87a.
Asbury, T. L., 16b.
Ascham, L., 17b.
Asdell, S. A., 61a.
Ashby, R. C., 21a.
Ashcraft, D. W., 71a.
Ashlee, T. R., 20a.
Ashley, T. E., 49a.
Ashman, R. I., 37b.
Ashworth, J. T., 13a.
Ashworth, U. S., 50a.
Asmundson, V. S., 9b.
Atherton, R. N., 37a.
Atkeson, F. W., 31a.
Atkins, I. M., 89a.
Atkins, S. W., 85b.
Atkinson, A., 52a.
Atkinson, R. D., 58b.
Attridge, R. F., 12a.
Atwood, F. J., 54b.
Atwood, R. B., 34a.
Atwood, W. M., 76a.
Aubel, C. E., 30a.
Auchter, E. C., 39a.
Aull, G. H., 82a, b.
Aull, W. B., 82a.
Ause, O. H., 26b.
Ausemus, E. R., 45a.
Aust, F. A., 99a.
Austin, A. C., 8b.
Austin, E. L., 42b.
Austin, W. W., 9a.
Averill, A. W., 37a.
Averitt, S. D., 33b.
Avery, G. T., 10a.
Ayers, T. L., 82b.
Aylesworth, P. F., 43a.
Ayres, H. L., 38a.
Ayres, J. C., 19a.
Ayres, Q. C., 27b.
Ayres, W. E. (Miss.), 49b.
Ayres, W. E. (N. Y.), 61b.

Babbin, G. E., 37b.
Babock, E. B., 8a.
Babcock, O. G., 89b.
Baber, L. C., 5a.
Babin, W. M., 35b.
Babiy, P. P., 62b.
Bach, W. J., 88b.
Bachtell, M. A., 72b.
Bacon, J. A., Jr., 85a.
Badger, C. J., 20a.
Baerg, W. J., 5a.
Bahrenburg, F. J., 94a.
Bailes, E. L., 10a.
Bailey, C. H., 45a.
Bailey, E. H., 48a.
Bailey, E. M., 12a.
Bailey, F. D., 76a.
Bailey, F. E., 91b.
Bailey, G. W., 91a.
Bailey, H. G., 59a.
Bailey, H. R., 1a.
Bailey, I. M., 92b.
Bailey, J. E., 17b.
Bailey, J. S., 41a.
Bailey, Mrs. L. E., 17b.
Bailey, R. M., 36b.
Bailey, R. Y., 1a.

Bailey, S. F., 7b.
Bainer, R., 7a.
Baines, R. C., 23a.
Baird, B. M., 16b.
Baird, H. C., 31b.
Baird, R. W., 89b.
Baker, A. L., 78b.
Baker, C. A., 11b.
Baker, C. E., 24b.
Baker, F. S., 8a.
Baker, G. J., 68a.
Baker, G. L., 13a.
Baker, G. O., 94a.
Baker, H. A., 35b.
Baker, H. J., 57a.
Baker, H. P., III, 39a.
Baker, H. R., 4a.
Baker, J. C., 40b.
Baker, J. E., 15a.
Baker, K. G., 2b.
Baker, M. L., 55b.
Baker, O. J., 89a.
Baker, T. A., 13a.
Baker, T. N., 93a.
Baker, W. C., 62a.
Bakke, A. L., 26a.
Bakke, Mrs. J. A., 27b.
Bakken, H. H., 98a.
Balbach, P. I., 25a.
Balch, W. B., 32a.
Baldwin, D. D., 69b.
Baldwin, G. H., 81b.
Baldwin, I. L., III, 97a, b.
Baldwin, J, C., 15a.
Baldwin, R. J. 41a.
Bales, A., III, 69a.
Bales, E. R., 84b.
Ball, A. S., 39b.
Ball, C. D., Jr., 42a.
Ball, E. D., 4a.
Ball, O. M., 87a.
Ballantyne, A. B., 4a.
Ballard, A. D., 6b.
Ballard, C. V., 43a.
Ballard, F. L., 76b.
Ballard, W. R., 39a.
Ballinger, R. A., 73b.
Ballou, F. H., 72b.
Balmer, F. E., 94a.
Balthis, R. F., 88a.
Baltzer, A. C., 42a.
Bamford, R., 38a.
Bancroft, C. M., 70b.
Bandemer, S. L., 42a.
Banks, C. H., 89a.
Banks, G. H., 5b.
Banks, J. E., 97a.
Banks, W. R., 89a.
Banta, L., 41b.
Banzet, E. M., 44b.
Baragar, A. E., 54b.
Barbee, O. E., 94a.
Barber, L., 63a.
Barden, R. D., 70a.
Bare, O. S., 54b.
Barfoot, D., 31b.
Barger, E. L., 31a.
Barger, J. W., 87b.
Barham, J. F., 51b.
Barich, P. A., 59a.
Barker, Mrs. E. P., 27b.
Barker, H. C., 38a.
Barkley, M. R., 34a.
Barkman, J. O., 33a.
Barlow, J., 82a.
Barmore, M. A., 10b.
Barnes, Mrs. D. R., 88a.
Barnes, E. E., 71a.
Barnes, G. L., 39b.
Barnes, G. W., 87a.
Barnes, L. H., 70a.
Barnett, R. J., 32a.
Barnette, R. M., 14a.
Barnhart, J. L., 19a.
Barnum, F., 52a.
Barr, C. W., 44a.
Barr, G. W., 4a.
Barr, H. T., 35b.
Barr, P. M., 8a.
Barraclough, K. E., 56b.
Barre, H. J., 27b.
Barrett, D., 16b.
Barrett, F. N., 44a.
Barrett, J. T., 9a.
Barrett, R. H., 40b.
Barron, J. H., 61a.
Barrows, Mrs. E. S., 90b.
Barrows, W. M., 71b.
Barrus, M. F., 64b, 80a.
Barry, Mrs. M. W., 88a.
Barss, H. P., II.
Bartel, A. T., 3a.
Bartel, F. O., 66a.
Bartholomew, E. T., 9b.
Bartholomew, R. P., 4a.
Bartlett, J. M., 37a.
Bartlett, J. W., 57b, 59a.
Bartlett, R. W., 21b.
Barto, H. T., 22a.
Barton, O. A., 69b.
Bartram, M. T., 38a.
Bascom, D. C., 10a.
Bashcrov, S., 80a.
Basinger, A. J., 7b.
Bassett, L. B., 45b.
Bastress, A. W., 3a.
Batchelder, E. L., 4a.
Batchelor, E. M., 31b.
Batchelor, H. W., 69a, 71a.
Batchelor, L. D., 6a, 8a.
Bate, E. B., 90b.
Bateman, B. A., 35b.
Bateman, G. Q., 90a.
Bateman, J. W., 34a.
Bateman, R. L., 42a.
Bates, E. A., 63a.
Bates, Mrs. J. B., 63a.
Bates, S. D., 5a.
Batjer, L. P., 96b, 97b.
Batten, E. T., 93b.
Battey, Z. C., 5a.
Bauer, F. C., 20a.
Baumgartner, W. H., 59b.
Bausman, R. O., 13a.
Baute, E. A., 33a.
Baver, L. D., 51b.
Baxter, L. F., 31b.
Bayfield, E. G., 71a.
Bayles, J. J., 89a.
Bayne, T. L., Jr., 62a.
Bazore, K., 18b.
Beach, B. A., 99b.
Beach, F. H., 70b.
Beach, G. A., 10b.
Beach, J. R., 9b.
Beach, K. H., 86a.
Beach, W. S., 77b.
Beachell, H. M., 89a.
Beadle, A. P., 24b.
Beadles, J. R., 20b.
Beal, E., 79b.
Beal, W. H., II.
Beall, J. A., 73a.
Beall, T., 70b.
Beals, O. K., 76a.
Beam, A. L., 78a.
Beam, Mrs. M. W., 22a.
Beamer, L. C., 93a.
Bean, R. S., 18a.
Bear, N. R., 72a.
Beard, F. J., 25a.
Bearer, E. V., 57b.
Bearse, G. E., 95b.
Beasley, J. O., 86a.
Beath, O. A., 100a.
Beattie, H. G., 65b.
Beatty, R. C., 72b.
Beaudette, F. R., 58b, 59b.
Beaumont, A. B., 39a.
Beaumont, J. H., 39a.
Bechdel, S. I., 78a.
Beck, M. W., 88b.
Becker, E. R., 29b.
Becker, R. B., 14a.
Beckett, S. H., 7a.
Beckman, R. W., 29a.
Beckwith, C. S., 59a, 60b.
Becraft, R. J., 90a.
Bedenbaugh, M. M., 49a.
Beede, V. A., 79a.
Beers, H. W., 65b.
Beeskow, H. C., 42a.
Beeson, K. E., 22a.
Beggs, A. F., 56b.
Behney, W. H., 91b.
Behre, E. H., 36a.
Behrens, C. A., 23a.
Belding, H. S., 12b.
Bell, A. J., 42b.
Bell, C. E., 14a.
Bell, D. S., 71b.
Bell, E. W., 40a.
Bell, F., 17a.
Bell, F. N., 95b.
Bell, F. W., 30a.
Bell, J. C., 17b.
Bell, J. P., 5a.
Bell, M. A., 53b.
Bell, R. E., 19a.
Bell, W. H., 49a.
Belton, H. L., 7a.
Benbrook, E. A., 29b.
Bender, C. B., 57b, 59a.
Bendixen, H. A., 94b.
Benedict, A. A., 29a.
Benedict, E. L., 77a.
Benedict, M. R., 7a.
Bennett, C. C., 82a.
Bennett, E. (Mass.), 40a.
Bennett, E. (Wis.), IV.
Bennett, E. R., 20a.
Bennett, F. W., 16a.
Bennett, H. G., 73a.
Bennett, H. J., 36a.
Bennett, J. P., 9b.
Bennett, L. J., 29b.
Bennett, L. S., 96a.
Bennett, R. E., 27b.
Bennitt, R., 51b.
Benson, E. T., 19b.
Benson, H. B., 2a.
Bentley, F. L., 77a.
Bentley, G. M., 85b.
Bentley, M. R., 87b.
Bentley, R. C., 26b.
Benton, A. H., 68b.
Benton, T. H., 27b.
Benz, M., 49a.
Beresford, H., 19b.
Beresford, H. E., 51a.
Beresford, R., 25a.
Berg, A., 96a.
Berg, H. A., 43a.
Berg, W. E., 7a.
Berggren, C. L., 46a.
Bergman, H. D., 29b.
Bergman, H. F., 41b.
Bergquist, S. G., 43b.
Bergschneider, H. E., 74a.
Berly, J. A., 83a.
Berntson, R. E., 90b.
Berridge, A. M., 45a.
Berrigan, D. G., 69a.
Berry, H., 88b.
Berry, L. N., 60b.
Berry, M. H., 38a.
Berry, R. O., 87a.
Bertram, F. E., 1a.
Besley, F. W., 38b.
Besley, H. E., 58a, 59a.
Besley, L., 79a.
Besse, R. S., 75a.
Bessey, E. A., 42a.
Bethke, R. M., 71b.
Betten, C., 61a.
Betten, G. W., 63a.
Betten, Mrs. M. S., 63a.
Bevan, L. A., 57b.
Bevan, W. L., IV.
Bever, W. M., 20a.
Bewick, T. L., 98b.
Beyer, F. K., 63a.
Bibby, A. L., 100b.
Bibby, F. F., 88a.
Bibee, G. C., 76b.
Bice, C. M., 18a.
Bickford, W. G., 26a.
Bieberdorf, G. A., 74a.
Biebricher, A. P., 70b.
Biekart, H. M., 58a, 59a.
Biester, A. M., 46b.
Biester, H. E., 29b.
Biggs, E. J., 86a.
Bilger, E. M., 18a.
Bilger, Mrs. L. N., 18a.
Billings, W. A., 47b.
Bilsborrow, J. D., 21b.
Bilsing, S. W., 87b.
Bingham, A. B., 78b.
Binkley, A. M., 11a.
Binnewies, E. R., 84a.
Binney, T. H., 23b.
Binzel, C. E., 62a.
Bioletti, F. T., 8b.
Birch, H. A., 82b.
Bird, E. W., 26a, b.
Bird, O., 43a.
Birkett, T. E., 50b.
Bisbey, B., 51a.
Bishop, F. F., 87a.
Bishop, L. M., 47b.
Bishop, T., 40b.
Bissell, T. L., 17b.
Bisson, C. S., 6b.
Bixby, F. L., 55b.
Bizal, Mrs. R. S., 63a.
Bizzell, J. A., 61a.
Black, A., 77b.
Black, A. G., 26b.
Black, A. P., 14a.
Black, J. J., 59b.
Black, L. A. 38a.
Black, L. M., 58b.
Black, L. S., 22a.
Black, W. L., 60a.
Blacklock, R. W., 15a.
Blackman, C. L., 69a.
Blackmon, G. H., 15a.
Blackmore, B., 63a.
Blackmore, M., 37a.
Blackshear, L. E., 16a.
Blackwell, C. P., 73a.
Blackwood, D. S., 93a.
Blair, A. W., 58b, 59b.
Blair, E. C., 66a.
Blair, E. L., 46b.
Blair, G. B., 55b.
Blair, J. C., 22b.
Blair, L., 88a.
Blair, Mrs. M. H., 16b.
Blake, M. A., 58a, 59a.
Blake, Z. A., 4a.
Blakeslee, L. H., 41a.
Blanch, G. T., 90a.
Blandford, J. B., 39a.
Blaser, R. E., 59b.
Blasingame, R. U., 78b.
Blauvelt, W. E., 62b.
Blaydes, G. W., 69b.
Blazier, F. E., 76b.
Bledsoe, R. P., 17a.
Bleecker, W. L., 4b.
Blickenstaff, P. H., 95b.
Blish, M. J., 54a.
Bliss, D. E., 9a.
Bliss, R. K., III, 25a.
Blizzard, W. L., 73a.
Blodgett, E. C., 99b.
Blodgett, F. M., 64b.
Blood, H. L., 90a.
Blood, P. T., 56a.
Blore, I. C., 53b.
Blosser, I. C., 52b.
Bloye, A. I., 24b.
Bluford, F. D., 67a.
Blundell, A. E., 91b.
Blundell, L. L., 41a.
Boatman, J. L., 27b.
Bobb, M. L., 92b.
Bodine, E. W., 10a.

Bodley, R. E., 52b.
Bodman, G. B., 6a.
Boehr, J. W., 73b.
Boggs, I. B., 96b.
Boggs, M., 95a.
Bohstedt, G., 97a.
Bolender, E. O., 70a.
Bolin, D. W., 19a.
Bolin, F. M., 75a.
Bollen, W. B., 76a.
Bolley, H. L., 68a.
Bollinger, C. O., 67b.
Bolster, H. G., 52a.
Bolton, F. C., 86a.
Bond, M. C., 62a.
Bonde, R., 37b.
Bondurant, J. H., 33b.
Bondy, F. F., 83b.
Bonell, J. A., 84a.
Bonnen, C. A., 87b.
Bonnet, J. A., 80b.
Bonnett, O. T., 20a.
Bonser, H. J., 78b.
Bonslagel, C. J., 5a.
Booth, L., 97a.
Bopst, L. E., 38b.
Borden, A. D., 7b.
Borge, D., 100a.
Borgeson, C. R., 45a.
Borland, A. A., 78a.
Borror, D. J., 71b.
Borthwick, H. A., 6b.
Bortner, C. E., 33a.
Boshart, E. W., 67a.
Boss, A., III, 45a, b.
Boss, W., 46a.
Bostian, C. H., 67b.
Boswell, V. R., 39a.
Botkin, C. W., 60a.
Botsford, H. E., 64b.
Botsford, R. C., 13a.
Bottorff, C. A., Jr., 57a.
Bottum, J. C., 24a.
Boucher, R. V., 50a.
Boughton, I. B., 89b.
Bouquet, A. G. B., 75b.
Bourg, T., 35b.
Bourne, A. I., 40b.
Bourne, R. F., 11a.
Bouyoucos, G. J., 44b.
Bowden, J., 35b.
Bowen, G. H., 79b.
Bowen, I. G., 56b.
Bowen, J. V., 48b.
Bowen, R., 44b.
Bowles, P. S., 49a.
Bowling, G. A., 96b.
Bowman, A. B., 43b.
Bowman, A. E., 100a.
Boyce, A. M., 7b.
Boyce, E. F., 91a.
Boyce, S. L., 59b.
Boyd, A. E., 79a.
Boyd, G. T., 88b.
Boyd, J. H., 70b.
Boyd, O. C., 40a.
Boyd, W. L., 47b.
Boyden, A. A., 58b.
Boyden, R. E., 34a.
Boyer, P. B., 85b.
Boyle, J. E., 62a.
Boynton, W. H., 9b.
Boys, Mrs. J. A., 63a.
Brackeen, L. O., 1b.
Bracken, A. F., 89a, 90b.
Bracken, J. R., 79b.
Brackett, E. E., 54a.
Brackett, R. N., 82a.
Brackett, W. R., 32a.
Bradfield, R., 69a, 71a.
Bradford, F. C., 44a.
Bradford, H. E., 54a.
Bradlee, Mrs. J. R., 91a.
Bradley, C. J., 34a.
Bradley, G., 10b.
Bradley, J. C., 62b.
Bradley, L. A., 39b.
Bradley, R. C., 57a.
Bradt, C. G., 61a.
Bradt, G. W., 44b.
Bradt, W. E., 94a.
Braman, W. W., 77b.
Brammell, P. R., 12a.
Branaman, G. A., 41a.
Branch, F. H., 40b.
Brandly, C. A., 30b.
Brandon, Mrs. V. H., 76b.
Brandt, I. L., 28a.
Brandt, P. M., 75a.
Branegan, G. A., 52b.
Brann, J. W., 99a, b.
Brannen, C. O., 4a, 5a.
Brannon, C. H., 67b.
Brannon, J. M., 21a.
Brannon, L. W., 93a.
Branson, E. B., 51a.
Branton, C. I., 76a.
Brase, K. D., 65b.
Brashear, Mrs. V. J., 28a.
Brasie, M., 63a.
Bratley, H. E., 14b.
Braucher, O. L., 8b.
Brautlecht, L. M., 13b.
Bray, C. I., 35a.
Bray, Mrs. J. L., 2a.
Bray, Mrs. M. M., 43b.
Bray, R. H., 20a.
Brayton, H. R., 87a.
Brayton, I. M., 68a.
Breazeale, D. F., 26b.
Breazeale, J. F., 3a.
Bredenburg, M. L., 46b.
Breed, R. S., 65a.
Brehm, C. E., 85b.
Breithaupt, L. R., 75a.
Brekke, J. E., 69a.
Brenan, C. W., 63b.
Brennen, C. A., 55a.
Brensing, O. H., 73a.
Brentzel, W. E., 68a.
Bressler, R. G., IV, 81a.
Brew, M., 76b.
Brewer, H. V., 31b.
Brewer, L. C., 34a.
Brewer, P. H., 23a.
Brewster, C. M., 94a.
Bridgford, R. O., 48b.
Brierley, W. G., 47a.
Briggs, E. B., 93a.
Briggs, F. N., 6a.
Briggs, G., 93a.
Briggs, G. M., 97a.
Briggs, H. M., 68a.
Briggs, I. A., 3a.
Briggs, M., 40b.
Brimm, J. W., 85b.
Brindley, T. A., 19b.
Brink, R. A., 98b.
Briscoe, C. F., 48a.
Brislawn, N. E., 95a.
Brison, F. R., 88b.
Brisson, F. J., 91a.
Britton, W. E., 13a.
Brock, J. L., 82b.
Brody, S., 50a.
Brokaw, G., 69b.
Brokaw, W. H., III, 53a.
Brookins, F. A., 63b.
Brooks, A. N., 15a.
Brooks, Mrs. C. P., 91b.
Brooks, F. A., 7a.
Brooks, F. G., 14a.
Brooks, F. M., 22a.
Brooks, G. E., 55a.
Brooks, L. E., 89a.
Broome, F. H., 86b.
Brough, T. J., 101b.
Broughton, L. B., 38a.
Brouse, E. M., 55b.
Brown, A., 69a.
Brown, A. A., 91a.
Brown, Mrs. A. P., 90b.
Brown, B. A., 11a.
Brown, C. A., 35a.
Brown, C. L., 55a.
Brown, Carlotta M., 46b.
Brown, Clara M., 46b.
Brown, E. M., 50b.
Brown, E. S., 86b.
Brown, F., 77b.
Brown, F. E., 26a.
Brown, F. J., 46b.
Brown, F. L., 4a.
Brown, G. A., 41a.
Brown, G. F., 77a.
Brown, G. G., 77b.
Brown, G. L., 83a.
Brown, H. B., 34a.
Brown, H. D., 70b, 72b.
Brown, H. J., 69b.
Brown, H. L. (Fla.), 14a.
Brown, H. L. (Ga.), 16a.
Brown, H. M., 43a.
Brown, J., 2a.
Brown, J. B., 7a.
Brown, J. G., 4b.
Brown, L., 2a.
Brown, L. A., 34b.
Brown, L. G., 51b.
Brown, L. N., 7a.
Brown, M., 78b.
Brown, M.-E., 54b.
Brown, M. J., 101a.
Brown, M. M., 86a.
Brown, O., 2b.
Brown, P. E., 27b.
Brown, P. T., 22b.
Brown, R. M., 46b.
Brown, R. W., 74a.
Brown, S. M., 6b.
Brown, W. L., 17a.
Brown, W. S. (Ga.), 16b.
Brown, W. S. (Oreg.), 75b.
Browne, T. E., 67a.
Brownell, S. J., 61a.
Brownfield, W. W., 70b.
Browning, H. W., 81a.
Browning, N. M., 31b.
Broyles, W. A., 78b.
Brubaker, H. W., 30b.
Bruce, C. A., 86a.
Bruce, C. H., 96b.
Bruce, Mrs. M. R., 55b.
Bruce, O. C., 37a.
Brucher, O. P., 63b.
Bruckner, J. H., 64b.
Brueckner, A. L., 38a.
Brueckner, H. J., 61b.
Bruhn, H. D., 98b.
Brumbaugh, N. M., 74a.
Brumley, F. W., 14b.
Brumley, O. V., 69a.
Brundage, A. J., 12a.
Brundage, R. C., 24a.
Bruner, E., 31b.
Brunet, J., 81a.
Brunig, M. P., 54a.
Brunner, H., 25b.
Brunson, A. M., 30a.
Bryan, A. A., 27b.
Bryan, A. B., 82b.
Bryan, C. S., 44b.
Bryan, K. V., 23b.
Bryan, Mrs. L. G., 88b.
Bryan, M. E., 84b.
Bryan, O. C., 14b.
Bryan, W. E., 4b.
Bryant, H., 89a.
Bryant, L. R., 11a.
Bryant, R. L., 92a.
Bryant, T. R., 33b.
Bryden, C. T., 95a.
Bryson, H. R., 31a.
Buchanan, D. S., 87a.
Buchanan, F. R., 26b.
Buchanan, J. H., 26a.
Buchanan, K. S., 4b.
Buchanan, Mrs. L. T, 19b.
Buchanan, R. E., 25a, 26a.
Buchanan, W. D., 95a.
Buchanan, W. M., 83a.
Buchholtz, W. F., 26a.
Buck, C. A., 98a.
Buckey, N., 38b.
Buckley, M. R., 86a.
Buckman, Mrs. F. W. 46b.
Buckman, H. O., 61a.
Buckman, T. E., 55b.
Buckner, G. D., 33a.
Buehler, C. A., 85a.
Buehrer, T. F., 3b.
Bulger, R. O., 84a.
Bull, Mrs. H., 63b.
Bull, H. B., 45a.
Bull, S., 20b.
Bull, W. I., 79a.
Bullard, J. F., 25b.
Bullis, D. E., 76a.
Bullis, K. L., 41b.
Bullock, J. F., 67b.
Bumpas, R., 100b.
Bunnell, C. E., 3a.
Bunting, P., 52b.
Buol, Mrs. M. S., 55b.
Burch, J. W., 50b.
Burd, J. S., 6b.
Burdette, J. W., 82a.
Burdick, H., 81a.
Burdick, R. T., 10a.
Burg, A. G., 85a.
Burge, C. A., 77a.
Burgess, Mrs. I. M., 36b.
Burgess, J. P., 83a.
Burgess, P. S., 3a.
Burgin, C. J., 88a.
Burgoin, A. M., 63b.
Burgoyne, D. A., 90b.
Burgwald, L. H., 70a.
Burk, E. F., 74b.
Burke, A. D., 1a.
Burke, B. E., 14a.
Burke, E., 52a.
Burke, E. S., 36a.
Burke, O. D., 64b.
Burke, V., 94a.
Burkhart, W. C., 16a.
Burkholder, C. L., 24b.
Burkholder, W. H., 64b.
Burleson, D. J., 4a.
Burlison, W. L., 20a.
Burnam, A., 33b.
Burnett, E. A., III, 53a.
Burnett, L. C., 27b.
Burnette, A. C., 34a.
Burnham, C. R., 96a.
Burnham, D. R., 60b.
Burnham, S. H., 61b.
Burns, F. W., 1a.
Burns, G. P., 91a.
Burns, Mrs. K. V., III, 22a.
Burns, M. E., 52a.
Burns, P. W., 88b.
Burns, R. H., 100a.
Burns, W. E., 26a.
Burr, W. W., 53a.
Burrell, A. B., 64b.
Burrell, R. C., 70a.
Burrier, A. S., 75b.
Burrows, J. A., 73b.
Burruss, J. A., III, IV, 92a.
Burt, F. A., 88a.
Burt, J. H., 32b.
Burt, U. S., 76b.
Burtner, J. C., 77a.
Burton, G. W., 58b, 59b.
Burwash, G., 91b.
Burwash, M. G., 22b.
Busby, A. T., 49a.
Busche, L. M., 24a.
Bush, R. H., 87b.
Bushey, D. J., 64a.
Bushnell, J., 72b.
Bushnell, L. D., 30b.
Bushnell, T. M., 22a.
Busic, W. H., 9b.
Bussell, F. P., 64a.
Bussey, A. S., 16b.
Butler, A. M., 2a.

Butler, J. M., 60b.
Butler, L. I., 42a.
Butler, L. W., 29a.
Butler, O. R., 56a.
Butt, F. H., 62b.
Butt, Mrs. G. L., 63b.
Butterfield, H. M., 7a.
Butters, M., 58a.
Butterworth, J. E., 62a.
Button, F. C., 57b, 59a.
Butts, G. S., 65a.
Butz, E. L., 24a.
Byers, G. B., 33b.
Byers, Mrs. M. D., 42b.
Byram, H. M., 27a.
Byrd, C. J., 5b.
Byrd, F. L., 67a.
Byrne, C. D., 77a.
Byrne, W. H., 92a.
Bywater, Mrs. E. M., 28a.

Cadley, E. M., 71a.
Cady, E. L., 26b.
Cady, L. C., 19a.
Cain, C. B., 48a, 49b.
Cain, C. E., 48b.
Caine, A. B., 25a.
Caine, G. B., 90a.
Caldwell, L. M., 34b.
Caldwell, R. M., 23a.
Calfee, R., 33b.
Calhoun, F. H. H., 82a.
Calhoun, M. L., 29b.
Call, L. E., IV, 30a.
Callahan, E. M., 70b.
Callaway, R. P., 60b.
Callenbach, E. W., 79b.
Calvert, S., 50a.
Camburn, O. M., 91a.
Cameron, D. R., 8a.
Cameron, G. M., 85a.
Cameron, H. C., 96a.
Cameron, J. A., 51b.
Cameron, J. L., 92b.
Cameron, S. H., 9b.
Cameron, T. H., 67b.
Camp, A. F., 15a.
Camp, J. P., 14a.
Camp, W. H., 69b.
Campbell, F. L., IV.
Campbell, J. C., 59b.
Campbell, M. H., 91a.
Campbell, M. V., 51a.
Campbell, T. M., 2a.
Campbell, W. A , 86b.
Campbell, W. L., 93a.
Canavan, F. T., 40a.
Cance, A. E., 40a.
Canniff, T. L., 42a.
Canning, G. A., 86b.
Cannon, C. C., 49a.
Cannon, C. Y., 25a.
Cannon, J. C., 1b.
Canon, H., 63a.
Canty, M. E., 52a.
Carberry, C. R., 73a.
Card, C. G., 44a.
Card, D. G., 34b.
Card, L. E., 20b.
Cardinell, H. A., 44a.
Cardon, P. V., 89a.
Carl, B., 86a.
Carl, F. L., 51a.
Carleton, R. K., 81a.
Carlson, E. R., 99b.
Carlyle, E. C., 87a.
Carmichael, B. E., 38a.
Carncross, J. W., 57b, 59a.
Carnes, A., 1b.
Carney, M., 63b.
Carodemos, P. P., 82a.
Carolus, R. L., 93a.
Carpenter, C. E., 10b.
Carpenter, D. C., 65a.
Carpenter, E. S., 40b.
Carpenter, O. L., 89b.
Carpenter, P., 75a.
Carpenter, R. W., 38b.
Carr, C., 15b.
Carr, J. M., 17a.
Carr, P. H., 29a.
Carr, R. G., 43a.
Carr, R. H., 23a.
Carrero, J. O., 81b.
Carrick, C. W., 25a.
Carrick, D. B., 64a.
Carrigan, J. E., 91a.
Carrington, O. R., 39b.
Carroll, G. W., 48a.
Carroll, J. C., 71a.
Carroll, W. E., 21a.
Carroll, W. R., 14a.
Carse, E., 54b.
Carter, D. G., 5a.
Carter, E. G., 90a.
Carter, G. S., 66a.
Carter, H. M., 35b.
Carter, J., Jr., 60a.
Carter, L. M., 16a.
Carter, M. B., 74a.
Carter, M. T., 93a.
Carter R. A., 2a.
Carter, W. H., 27b.
Carter, W. H., Jr., 11b.
Carter, W. T., 88b.
Cartwright, O. L., 83a.
Carver, G. W., 2a.
Carver, J. S., 95a.
Carver, W. A., 14b.
Cary, C. A., 2a.
Caryl, R. E., 8b.
Case, H. C. M., 21a.
Case, L. A., 76b.
Case, L. I., 66a.
Case, W. M., 11a.
Cash, J. G., 21a.
Casselberry, R. D., 79b.
Cassell, S. K., 92b.
Castonguay, T. T., 26a.
Castro, J., 18a.
Cates, E. C., 53a.
Cathcart, C. S., 57a, 59a.
Catherwood, M. P., 62a.
Cation, D., 42a.
Caton, S., 33a.
Caulfield, W. J., 31a.
Cavanaugh, G. W., 61b.
Cave, H. W., 31a.
Caveness, H. L., 66b.
Cessna, R. B., 28a.
Chace, E. P., III, 79a.
Chadderton, H., 28a.
Chadwell, A. J., 85a.
Chadwick, L. C., 70b.
Chamberlain, C. W., 44a.
Chamberlain, F. W., 44b.
Chamberlain, J. S., 40a.
Chamberlain, M., 76b.
Chamberlin, V. D., 71b.
Chamberlin, W. J., 76a.
Champe, Mrs. M. H., 36a.
Champlin, W. J., 82b.
Chance, F. S., 86b.
Chandler, F. B., 36b.
Chandler, W. H., 8b.
Chandler, W. L., 44b.
Chapman, A. B., 98b.
Chapman, C. J., 99b.
Chapman, C. W., 44a.
Chapman, C. W. L., 37b.
Chapman, G., 30b.
Chapman, H. D., 6b.
Chapman, I. N., 31a.
Chapman, P. J., 65b.
Chapman, P. W., III, 16a.
Chapman, R. N., 18a.
Chardon, C. E., 80a.
Chardon, F., 80a.
Charles, T. B., 57a.
Charlton, D. B., 76a.
Chase, D., 65a.
Chase, M. L., 22a.
Cheney, I. H., 37b.
Chenoweth, W. W., 41a.
Cherrington, V. A., 19a.
Chesnutt, S. L., 1b.
Cheyney, E. G., 46b.
Child, A. M., 46b.
Childs, L., 77b.
Childs, R. R., 16a.
Childs, W. H., 96b.
Chittenden, D. W., 52a.
Choppin, A. R., 35a.
Christ, J. H., 20b.
Christensen, C. C., 47a.
Christensen, C. L., III, 97a.
Christensen, F. W., 68a.
Christensen, J. J., 47a.
Christensen, L. M., 26a.
Christgau, R. J., 48a.
Christiansen, J. E., 7a.
Christianson, Mrs. G. K., 47b.
Christopher, E. P., 81b.
Christopher, R. C., 2b.
Christopher, W. N., 35a.
Christophersen, P., 84a.
Chrysler, M. A., 57a.
Chubb, A. M., 79a.
Chucka, J. A., 36a, b.
Chupp, C., 64b.
Church, G. F., 74b.
Church, J. E., 55b.
Church, V. H., 43b.
Churchill, B. R., 43a, 45b.
Churchill, L. A., 46b.
Churchill, O. O., 68a.
Churchill, V. L., 12a.
Chute, H. M., 57a.
Claassen, P. W., 62b.
Cladel, C. E., 63b.
Clague, J. A., 41a.
Clanahan, D. I., 43a.
Clapp, A. L., 30a.
Clapp, E. V. W., 12b.
Clapp, H. S., 56b.
Clapp, R., 37b.
Clapp, S. C., 67b.
Clark, A. J., 42a.
Clark, A. W., 65a.
Clark, C., 98b.
Clark, C. F. (Mich.), 44b.
Clark, C. F. (Miss.), 48b.
Clark, C. M., 1b.
Clark, D. G., 61b.
Clark, E. R., 48a.
Clark, E. S., 58b.
Clark, F. F., 27b.
Clark, I. F., 51a.
Clark, J. H., 58a, 59a.
Clark, J. S., 36a.
Clark, M. J., 36a.
Clark, N., 97a.
Clark, N. A., 26a.
Clark, O. L., 40a.
Clark, O. M., 82b.
Clark, R. F., 24b.
Clark, S. W., 89b.
Clark, T. B., 96a.
Clark, W. A., 48b.
Clark, W. E., III, 55a.
Clark, W. W., 98b.
Clarke, A. E., 8a.
Clarke, E., 95a.
Clarke, G. B., 12a.
Clarke, J. F. G., 95b.
Clarke, M. K., 41b.
Clarke, S. C., 19b.
Clarke, W. S., Jr., 79b.
Clausen, R. E., 8a.
Clavell, C. J., Jr., 80b.
Claybaugh, J. H., 55a.
Clayton, Mrs. C. B., 90b.
Clayton, H. G., 15a.
Clayton, M. M., 37b.
Claytor, Mrs. B., 88b.
Cleary, T. L., 99a.
Cleavinger, E. A., 31b.
Cleland, S. B., 46a.
Clements, H. F., 94a.
Clemmer, H. J., 32b.
Clevenger, C. B., 66a.
Clevenger, Mrs. R. D., 67b.
Clevenger, W. L., 66a.
Cline, J. A., 51a.
Cline, L. E., 55a.
Clinton, F., 63b.
Clinton, G. P., 13a.
Cloke, P., III.
Clothier, R. C., 57a.
Clow, B., 52b.
Clulo, G. B., 96a.
Clyburn, T. M., 83b.
Clyde, A. W., 78b.
Clyde, G. D., 90a.
Coates, C. E., 35a.
Cobb, A. D., 13b.
Cobb, E. M., 37b.
Cobb, H. F., 73a.
Cobb, J. S., 77a.
Cobb, W. T., 35a.
Coble, M. A., 5a.
Cochran, L. C., 42a.
Cocke, R. P., 93b.
Cockerill, P. W., 60a.
Cocking, R. M., 29b.
Cocks, T. W., 12a.
Code, W. E., 10b.
Cody, M. D., 14a.
Coe, F. M., 90b.
Coe, M. H., 31b.
Coen, B. F., 10a.
Coffey, J. S., 69a.
Coffey, W. C., III, 45a.
Coffin, R. G., 10a.
Coffman, L. D., 45a.
Coggin, H. T., 16a.
Coggin, W. B., 92b.
Coggins, C. L., 82b.
Cohee, C. M., 25a.
Coke, J. E., 6a.
Colby, A. S., 22b
Colby, F. W., 85b.
Colby, H. N., 56a.
Colby, S. W., 56a.
Cole, C. L., 48a.
Cole, H. H., 6a.
Cole, H. L., 94a.
Cole, L. J., 98b.
Cole, R. C., 6a.
Cole, R. H., 54a.
Cole, R. K., 11a.
Cole, T. A., 82b.
Cole, W. C., 6b.
Cole, W. R., 41a.
Coleman, I. L., 15a.
Coleman, O. T., 51b.
Coleman, R. J., 44a.
Coleman, T. A., 24a.
Coles, E. H., 32b.
Coles, J. V., 51a.
Collier, C. H., 91b.
Collier, L., 16b.
Collings, G. H., 82a.
Collins, E. J., 72b.
Collins, E. V., 27b.
Collins, J. L., 18a.
Collins, M. M., 14a.
Collins, W. O., 16a.
Collison, R. C., 65b.
Collopy, M. G., 100b.
Colman, H. N., 75a.
Colovos, N. F., 56a.
Colver, C. W., 30b.
Colwell, R. H., 96b.
Combs, L. R., 29a.
Combs, O. B., 99a.
Combs, W. B., 45b.
Comfort, J. E., 50a.
Comin, D., 72b.
Compere, H., 7b.
Compton, L. E., 23a.
Compton, O. C., 8b.
Conant, G. E., 5b.
Condit, I. J., 8b.
Cone, W. H., 19a.
Conklin, J. G., 56b.

Conn, H. J., 65a.
Connaway, J. W., 51b.
Connell, W. B., 77a.
Connell, W. E., 30a.
Connelly, R. G., 92a.
Conner, A. B., III, 86a.
Conner, B. V., 93a.
Conner, L.,74a.
Conner, S. D., 22a, 23a.
Connors, C. H., 58a, 59a.
Conolly, R. A., 44a.
Conoly, G., 15a.
Conover, J. A., 38a.
Conrad, J. P., 6a.
Conrey, G. W., 69a, 71a.
Constance L., 94a.
Converse, B., 29a.
Cook, G. C., 68b.
Cook H. T., 93a.
Cook, L. E., 67a.
Cook, M. T., 80a.
Cook, R. L., 44b.
Cook, W. B., 11b.
Cooke, A. F., Jr., 79b.
Cooke, C. E., 47b.
Cooke, G. E., 43b.
Cooke, H., 10b.
Cookinham, H. B., 28a.
Cooley, L. M., 65a.
Cooley, R. B., 23a.
Coolidge, J. H., 31a.
Cooper, E., 18b.
Cooper, H. P., 82a.
Cooper, J. F., 14b.
Cooper, J. R., 5b.
Cooper, T. P., III, 33a.
Cooter, D., 75b.
Coover, W. F., 26a.
Cope, H. N., 79a.
Cope, J. A., 63a.
Cope. R. P., 94a.
Copeland, J. T., 48b.
Copeland, O. C., 87a.
Copeland, P. L., 53a.
Copeman, J. L., 96b.
Copson, G. V., 76a.
Corbett, L. M., 43a.
Corbett, L. S., 36a.
Corbin, F. M., 54a.
Corcoran, P. H., 66b.
Cordley, A. B., 75a.
Cordner, H. B., 39a.
Core, E. L., 96a.
Corley, R. C., 23a.
Cornell, F. D., Jr., 96b.
Cortez, S. H. 49a.
Coruthers, J. M., 5a.
Cory, E. N., 38b.
Cory, V. L., 87a.
Cosby, H. E., 75a.
Cosby, S. W., 6a.
Cotner, F. B., 52a.
Cotner, J. B., 66a.
Cotterman, H. F., IV, 38b.
Cottier, G. J., 1a.
Cottingham, E., 22a.
Cottle, D. L., 57a.
Cotton, J. R., 34a.
Couch, J. R., 87a.
Coulter, H. B., 67b.
Coulter, J. W., 18b.
Coulter, S. T., 45b.
Court, W. F., 6b.
Courtney, J., 63b.
Covault, C. H., 29b.
Covell, M. R., 36b.
Cover, S., 88b.
Covert, M. A., 84b.
Covert, M. N., 65a.
Covington, N. G., 95b.
Cowan, E. W., 50a.
Cowan, L., 51b.
Cowart, R., 49b.
Cowden, J. M., 27a.
Cowden, T. K., 78b.
Cowgill, H. J., 76b.
Cowles, E. L., 62a.
Cowles, H. T., 80b.
Cowles, I. F., 31b.
Cowles, M. L., 99a.
Cowsert, W. C., 48b.
Cox, H. R., 58b.
Cox, J. A., 65b.
Cox, R. F., 30a.
Cox, R. W., 46a.
Cox, T. H., 84a.
Coyne, S. E., 81b.
Crabb, G. A., 16a.
Craddock, M. A., 95a.
Craft, W. A., 73a.
Crafts, A. S., 6b.
Craig, Mrs. H. H., 61b.
Craig, R., 7b.
Craig, R. A., 25b.
Craig, W. T., 64a.
Crain, L. D., IV, 9a.
Cralley, E. M., 5b.
Cramer, A. J., 97a.
Crampton, G. C., 40b.
Crandall, F. K., 81b.
Crandall, L. B., 12b.
Crandall, W. G., 82b.
Crandall, W. T., 61a.
Crane, A. G., III, 100a.
Crane, D., 96b.
Crane, F. H., 20a.
Crane, G. B., 70a.
Cranor, K. T., 28a.
Cravens, C. C., 86b.
Crawford, C. E., 67a.
Crawford, C. H., 61a.
Crawford, C. W., 21a.
Crawford, D. L., 18a.
Crawford, L. A., 7a.
Crawford, R. F., 60a.
Crawford, R. P., 54a.
Cray, R. E., 71a.
Creech, B. F., 96a.
Creel, C. W., III, 55a.
Creighton, J. T., 14b.
Cremeans, L. M., 3b.
Crenshaw, B. H., 1a.
Cresap, Mrs. I. K., 15b.
Cressman, A. W., 72a.
Creswell, M., 49a.
Creswell, M. E., 16b.
Crews, C. E., 30a.
Crim, R. F., 45a.
Crisler, O. S., 51b.
Crist, J. W., 44a.
Criswell, J. F., 66b.
Crittenden, A. L., Jr., 17a.
Crocheron, B. H., 6a.
Crockett, Mrs. A. O., 90b.
Cromer, C. O., 77a.
Cromer, P., 26b.
Cromer, S. S., 23b.
Crone, E. B., 10a.
Crosby, C. R., 62b.
Crosby, J. E., Jr., 50a.
Crosier, W. F., 65a.
Cross, C. B., 73a.
Cross, F., 11a.
Cross, F. B., 74b.
Crouch, H. B., 34a.
Crouley, Mrs. R. U., 47a.
Crowe, L. K., 54a.
Crowe, U. V., 86a.
Crowell, M. F., 61a.
Crowley, D. J., 95b.
Crown, R. M., 15b.
Croy, O. C., 70b.
Cruess, W. V., 8b.
Crumley, J. J., 72b.
Cruz Monclova, H., 80a.
Culbertson, C. C., 25a.
Culbertson, J. L., 94a.
Culley, E. R., 15a.
Culver, A. N., 1b.
Cummings, M. B., 91b.
Cummins, G. B., 23a.
Cunningham, Mrs. A. P., 93b.
Cunningham, G. V., 16b.
Cunningham, H. S., 65a.
Cunningham, J. C., 29a.
Cunningham, J. C. B., 67b.
Cunningham, J. F., 69a.
Cunningham, L. C., 62a.
Cunningham, Mrs. M. F., 88b.
Cunningham, O. C., 60a.
Cunningham, R. N., 47b.
Cunningham, W. S., 3b.
Cunov, H. F., 34b.
Cunyus, P. A., 87a.
Currell, S. C., 86b.
Currence, T. M., 47a.
Currey, E. A., 49b.
Currin, R. E., Jr., 67b.
Curry, A. S., 60b.
Curtis, A. W., 97a.
Curtis, H. E., 34b.
Curtis, L. C., 13b.
Curtis, O. F., 61b.
Curtis, P. B., 25a.
Curtis, R. W., 64a.
Curtis, W. C., 51b.
Curtiss, H. L., 101a.
Curtiss, W. M., 62a.
Cushman, C. G., 82a.
Cushman, H. E., 52a.
Cushman, M. E., 63b.
Cutler, F. M., 40a.
Cutler, G. H., 22a.
Cutler, J. S., 71a.
Cutright, C. R., 72a.

Daane, A., 15b.
Dadisman, S. H., 100b.
Dahl, A. B., 18b.
Dahlberg, A. C., 65a.
Dahlberg, H. R., 79a.
Dahle, C. D., 78a.
Dahlen, A., 28a.
Daines, R. H., Jr., 58b.
Dakan, E. L., 71a.
Dakin, Mrs. M. E., 12b.
Dalton, J. J., 91a.
Daly, D. H., 19a.
Dameron, S., 5b.
Dameron, W. H., 89b.
Dana, B. F., 76a.
Dancy, C. E., 90b.
Danforth, S. T., 80b.
Daniel, D. M., 65b.
Daniel, H. A., 73a.
Daniels, D. J., 84a.
Daniels, F. P., 47a.
Daniels, H. E., 83a.
Daniels, L. B., 10b.
Danks, G., 32b.
Danner, W. N., Jr., 16b
Darago, V. L., 59b.
Dargan, E. P., 5a.
Darlington, H. T., 42a.
Darlow, A. E., 73a.
Darnell, A. L., 87a.
Darrow, W. H., 88b.
Darst, R. M., 31b.
Darst, W. H., 66a.
Daugherty, M. M., 13a.
Daughtrey, W. H., 92a.
Davenport, E., 10b.
Davenport, I. S., 34a.
Davenport, O. M., 79a.
Davenport, R. L., 35b.
Davenport, U. H., 16b.
Davenport, W. A., 45a.
David, Mrs. L. T., 12a.
David, P. R., 12b.
Davidson, A. P., 31a.
Davidson. F. E., 30a.
Davidson, J. B., 27b.
Davidson, M., 90a.
Davidson, O. W., 58a.
Davies, R. D., 84b.
Davis, A. M., 41a.
Davis, A. R., 9b.
Davis, C. D., 30a.
Davis, C. R., 38a.
Davis, C. W., 35b.
Davis, D., 70b.
Davis, E. C., 36a.
Davis, E. E., 93a
Davis, E. H., 74a.
Davis, F. L., 1a.
Davis, G. N., 26a.
Davis, H. P., 54a.
Davis, I. G., 11b.
Davis, J. E., 63a.
Davis, J. J., 23b.
Davis, J. W., 97a.
Davis, L. D., 8b.
Davis, L. S., 54b.
Davis, M. B., 76b.
Davis, P. O., 1b.
Davis, R. J., 42a.
Davis, R. L., 81a.
Davis, R. N., 3b.
Davis, S. P., 87a.
Davis, W. A., 66a.
Davis, W. E., 30b.
Davis, W. H., 40a.
Davis, W. S., 86a.
Davisson, B. R., 64b.
Dawsey, L. H., 72a.
Dawson, C. R., 56a.
Dawson, D., 10b.
Dawson, M. L., 61b.
Dawson, R. M., 69a.
Dawson, R. W., 46b
Dawson, W. M., 21a.
Day, E. J., 86a.
Day, L. H., 8b.
Dean, A. B., 67b.
Dean, A. L., 92a.
Dean, C. E., 67b.
Dean, D., 58a.
Dean, D. D., 2a.
Dean, F. W., 71a, 72b.
Dean, G. A., 31a.
Dean, H. K., 77b.
Dean, L. W., 91b.
Deardorff, C. E., 95b.
Dearing, C., 67b.
Dearstyne, R. S., 67a.
Deay, H. O., 23b.
DeBaun, R. W., 57b 59a.
DeBusk, E. F., 15a.
Decker, G. C., 29b.
Decker, J. L., 8a.
Decker, J. W., 78b.
Decker, R. E., 43a.
Decker, R. M., 78b.
Decker, S. W., 21b.
DeCoursey, R. M., 12b
Deely, M. E., 31b.
Deen, E., 33b.
Deen, J. L., 79a.
Deephouse, L., 34a.
Deere, M., 21b.
Deering, A. L., 36a.
Deeter, E. B., 89b.
DeFrance, J. A., 64a.
Degering, E. F., 23a.
DeLany, D. C., 63a.
Delaplane, J. P., 81a.
DeLashmutt, F., 70a.
Delez, A. L., 25b.
DeLong, D. M., 71b.
DeLong, G., 68b.
Delwiche, E. J., 97a, 100a.
Demeritt, D. B., 37b.
Deming, M. W., 55a.
DeMoss, W. R., 85a.
DeMottier, Mrs. J. F., 87b.
Dempsey, P. W., 41a.
Dennis, W. V., 78a.
Denniston, L. T., 77b.
Denny, J. A., 6a.
Denson, W. P., 35b.
Dent, A., 58a.
Dent, J. G., 46a.

Den Uyl, D., 24a.
Deobald, H. J., 97a.
Derby, G. E., 32b.
de Regt, A. C., 57a.
Derieux, J. B., 67a.
Derleth, C., Jr., III.
Dermer, O. C., 73b.
De Rose, H. R., 40a.
Derrick, W. W., 53a.
Descartes, S. L., 80a.
Deters, M. E., 46b.
Detjen, L. R., 13b.
De Turk, E. E., 20a.
DeVault, S. H., 38b.
Devereux, E. D., 44b.
De Volt, H. M., 38a.
Dew, G. A., 75b.
DeWolf, R. A., 82a.
Dexter, J., 53a.
de Zeeuw, R., 42a.
Diaz, A., 81b.
Diaz, M. R., 80a.
Dibble, C. B., 42b.
Dice, J. R., 68b.
Dickerson, G. E., 98b.
Dickey, J. A., 38b.
Dickey, J. B. R., 77a.
Dickins, D., 49a.
Dickinson, E. M., 75a.
Dickinson, L. S., 39a.
Dickinson, S., 50b.
Dickson, J. G., 99b.
Dickson, R. E., 89b.
Dickson, R. W., 92a.
Dickson, W. F., 52a.
Didier, I. M., 10b.
Didlake, M. LeG., 33b.
Dietrich, M., 96b.
Dietrick, L. B., 93a.
Diettert, R. A., 19a.
Dietz, S. M., 26a.
Dillingham, F. T., 18a.
Dills, L. E., 79b.
Dimick, R. E., 76a.
Dimitroff, G. Z., 11a.
Dimock, W. W., 33a.
Dinwoodie, J. T. E., 68a.
Dippold, G. J., 50b.
Dirks, C. O., 36b.
Dirks, H. B., III.
Diseker, E. G., 1b.
Ditman, L. P., 38b.
Dixon, A. A., 67a.
Dixon, A. B., 17a.
Doak, C. C., 87a.
Doan, F. J., 78a.
Dobbs, E. C., 2a.
Dobrovolny, C. G., 32b.
Dodd, D. R., 69a, 71a.
Dodge, E., 12a.
Dodson, E. M., 8a.
Doehlert, C. A., 59a.
Doermann, M. C., 58a.
Dole, E. J., 91a.
Dolve, M. A., 84b.
Dominguez, F. A. López, 80a.
Donahue, R. L., 44b.
Donaldson, D. N., 10a.
Donaldson, F. T., 52a.
Donaldson, N. C., 76b
Donaldson, R. W., 39a.
Doneen, L. D., 7a.
Donelson, E. G., 46b.
Doney, M. E., 49a.
Donham, C. R., 47b.
Donley, J. E., 40a.
Donma, K. W. G., 83a.
Donnell, P. S., IV.
Donnelly, E. B., 41a.
Donovan, R. L., 48a.
Doran, E. B., 35b.
Doran, W. L., 40a.
Dorchester, C. S., 27b.
Dore, W. H., 6b.
Dorman, C., 48a.
Dorner, H. B. 22b.
Dorrance, A. B., 43a, 45b.
Dorsey, E., 64a.
Dorsey, H., 11a.
Dorsey, L. M., 36a.
Dorsey, M. J., 22b.
Dosdall, L., 47a.
Dossin, C. O., 79b.
Doten, S. B., 55a.
Doty, D. M., 25a.
Dougherty, L. A., 56a.
Douglass, E., 10a.
Douglass, R. A., 54b.
Dove, W. F., 36b.
Dow, G. F., 37a.
Dowdy, G., 70b.
Dowdy, W. V., 16b.
Dowdy, W. W., 52a.
Dowell, A. A., 48a.
Dowell, C. T., 34a.
Down, E. E., 43a.
Downs, D. B., 13b.
Downs, P. A., 54a.
Doxtator, C. W., 45a.
Doyle, L. P., 25b.
Draeger, C., 100b.
Drain, B. D., 86a.
Drain, L. P., 97a.
Drake, C. J., 29b.
Drake, J. F., 2a.
Drake, R. R., 32b.
Draper, F., 4a.
Dreesen, W. H., 75a.
Dressel, K., 43b.
Drewes, H. F., 93a.
Driftmier, R. H., 16b.
Driggers, B. F., 58a, 59a.
Drinkard, A. W., Jr., 92a.
Droge, W. F., 10a.
Dryden, B. L., 89b.
Dryden, O. B., 32a.
Duffee, F. W., 98b.
Dufford, R. T., 51b.
Duggan, I. W., 48b.
Duggar, B. M., 99b.
Duggar, J. F., 2a.
Duley, F. L., 30a.
Dulin, T. G., 17a.
Dummeier, E. F., 94b.
Dunavan, D., 83a.
Dunbar, B. A., 84a.
Dunbar, C. O., 12b.
Duncan, C. D., 26b.
Duncan, C. W., 42a.
Duncan, H. R., 85a.
Duncan, I. J., 96a.
Duncan, J. R., 43a.
Duncan, L. N., 1a.
Duncan, O. D., 73b.
Duncan, R. S., 1b.
Dunegan, J. C., 5b.
Dungan, G. H., 20a.
Dunham, D. H., 23a.
Dunham, R. S., 48b.
Dunham, W. E., 71b, 72a.
Dunkle, P. B., 89a.
Dunlap, A. A., 13a.
Dunlavy, H., 89b.
Dunn, L. C., 12a.
Dunn, P. M., 90a.
Dunn, R. C., 88b.
Dunn, S. J., 56a.
Dunnam, E. W., 88a.
Dunnewald, T. J., 100a.
Dunning, F., 46b.
Dunning, R. G., 91b.
Durant, A. J., 51b.
DuRant, A. L., 82a.
Durden, G. C., 99a.
Durgin, R. C., 57a.
Durham, G. B., 81b.
Durham, H., 31a.
Durham, H. L., 65b.
Durham, S. B., 73b.
Durrell, L. W., 10a.
Duruz, W. P., 75b.
DuSault, D. D., 19a.
Dusham, E. H., 79b.
Dustman, R. B., 96a.
Dutcher, R. A., 78a.
Duthie, M. E., 65b.
Dutton, E. F., 31b.
Dutton, W. C., 44a.
Duvall, Mrs. E. R., 74a.
Dvoracek, D. C., 46a.
Dwight, S. H., 44a.
Dyas, E. S., 27b.
Dye, A. P., 96b.
Dye, Mrs. E. W., 79a.
Dye, M., III, 43b.
Dyer, A. J., 50a.
Dykes, J. C., 87b.
Dykstra, R. R., 32b.
Dykstra, T. P., 76a.
Dynes, O. W., 85a.

Eades, H., 22a.
Eadie, W. R., 57b.
Eager, Z., 27a.
Eagles, L. D., 17a.
Eames, A. J., 61b.
Earle, S. B., III.
Earley, E. B., 20a.
Eastman, E. F., 56a.
Eastman, M., 19b.
Eastman, M. G., 56a.
Eastwood, G. R., 70b.
Eaton, T. H., 62a.
Eaton, W. H., 1a.
Eberling, W., 7b.
Eberle A. M., 83a.
Eck, H. W., 42a.
Eckert, J. E., 7b.
Eckert, P. S., 72a.
Eckhardt, E. M., 97a.
Eddins, A. H., 15a.
Eddy, C. O., 33b.
Eddy, G. C., 10a.
Eddy, H. G., 7b.
Eddy, Mrs. M. H., 63a.
Edgar, R. H., 26a, 28a.
Edgerton, C. W., 35a.
Edgington, B. H., 71a, b.
Edinger, P. L., 78b.
Edlefsen, N. E., 7a.
Edmond, J. B., 49a.
Edmonds, J. L., 21a.
Edmondson, C. H., 18b.
Edmondson, W. O., 101a.
Edson, A. W., 48b.
Edwards, B., 88a.
Edwards, D. W., 18a.
Edwards, F. R., 17a.
Edwards, L., 16b.
Edwards, L. S., 85b.
Edwards, P. R., 33a.
Edwards, W. D., 76a.
Edwards, W. G., 79a.
Edwards, W. R., Jr., 35a.
Eggers, E. R., 8b.
Eheart, J. F., 92a.
Ehlers, Mrs. M. S., 43b.
Eichling, H. L., 27b.
Eide, C. J., 47a.
Einset, O., 65b.
Eisenmenger, W. S., 39a.
Eke, P. A., 19b.
Elcan, G. A., 92b.
Elder, C., 51b.
Eldredge, J. C., 28a.
Elkinton, C. M., 27a.
Ellenberger, H. B., 91a.
Ellenwood, C. W., 72b.
Eller, W. H., 18b.
Ellett, W. B., 92a.
Ellicker, P. R., 97b.
Elliff, R. E., 54a.
Elling, C. G., 30a.
Ellington, E. V., 94a.
Elliot, H. S., 72b.
Elliott, E. C., 22a.
Elliott, Mrs. J. E., 86a.
Elliott, N. R., 34a.
Ellis, B. W., 11a.
Ellis, E. E., 56b.
Ellis, H., 8a.
Ellis, K. N., 92b.
Ellis, L. S., 73b.
Ellis, N. K., 44b.
Ellis, Mrs. S. P., 27b, 28a.
Ellison, A. D., 84b.
Ellithorp, R. W., 73a.
Ellyson, R. G., 96b.
Elmer, O. H., 30b.
Elser, W. L., 60a.
Elting, E. C., 82b.
Elvehjem, C. A., 98a.
Elwell, H. M. 73a.
Elwood, C. F., 8a.
Elwood, P. H., Jr., 29a.
Ely, F., 33a.
Emack, E. P., 39b.
Emberson, R. H., 50b.
Embleton, H., 4b.
Embody, G. C., 62b.
Emerson, D., 38b.
Emerson, R. A., 64a.
Emery, H. M., 82b.
Emig, A. S., 51b.
Emmel, M. W., 14a.
Emmert, E. M., 34a.
Emsweller, S. L., 8b.
Enders, H. E., 23a.
Enfield, G. H., 22a.
Engebretson, A. E., 46b.
Engelbrecht, M. A., 97b.
Enger, M. L., III.
England, C. W., 38a.
Engle, E. B., 53a.
Englehorn, A. J., 28a.
Englehorn, C. L., 60a.
English, L., 61a.
English, L. L., 2b.
Enzie, W. D., 66a.
Epple, W. F., 23b.
Eppley, G. F., 37a.
Eppson, H. F., 100a.
Erb, E. S., 78a.
Erb, J. H., 70a.
Erdman, H. E., 7a.
Erf, O., 69a.
Erickson, J. L. E., 35a.
Erickson, T. A., 46b.
Erikson, S. E., 34a.
Erit, J. D., 91a.
Errington, P. L., 29b.
Erway, Mrs. D. W., 63b.
Erwin, A. B., 18b.
Erwin, A. T., 29a.
Erwin, L. E., 81a.
Esau, K., 6b.
Eshbaugh, F. P., 32b.
Espe, D. L., 25a.
Esplin, A. C., 89b.
Essary, S. H., 85a.
Essig, E. O., 7b.
Estabrook, H. N., 67a.
Esteva, C., Jr., 80a.
Etheridge, W. C., 50b.
Eubank, M. E., 97a.
Eudaly, E. R., 87a.
Evans, C. D., 52a.
Evans, E. B., 89a.
Evans, H. M., 9a.
Evans, J. A., 16b.
Evans, L. E., 11a.
Evans, M., 31a.
Evans, M. M., 4b.
Evans, R. J., 89a.
Evans, S. W., 83b.
Evans, W. E., 15a.
Evaul, E. E., 58b.
Eveleth, D. F., 29b.
Everett, G. A., 63a.
Everhardy, L. H., 31b.
Everson, C. L., 38a.
Ewing, D. T., 42a.
Ewing, T. A., 50a.
Eyer, J. R., 60a.
Ezekiel, W. N., 88b.

Faber, J. E., Jr., 38a.
Fabian, F. W., 44b.

Fabricius, N. E., 26b.
Fader, Mrs. F. E., 13b.
Fagan, F. N., 79a.
Fain, J. R., 16a.
Fairbank, J. P., 7a.
Fairbanks, A. B., 91b.
Fairbanks, F. L., 62b.
Fairchild, A. G. B., 14b.
Faires, E W., 83b.
Faith, W. L., 30b.
Falconer, J. I., 70a, 72a.
Fancher, H. W., 8a.
Faneuf, L. J., 59a.
Fanning, J. W., 16a.
Fargo, J. M., 97a.
Farleman, M. G., 42b.
Farley, A. J., 58a.
Farley, G. L., 40b.
Farley, H., 32b.
Farnham, C. H., 20a.
Farnham, F. R., 66a.
Farnham, R. B., 58a, 59b.
Farquharson, J., 11a.
Farr, J. L., 35b.
Farrand, L., 61a.
Farrar, C. L., 100b.
Farrell, F. D., IV, 30a.
Farrell, M. A., 78a.
Farrington, O. M., 34b.
Fasten, N., 77a.
Fauber, H., 11b.
Faulkner, J. G., 85a.
Faust, H., 9a.
Fawcett, C. J., 39a.
Fawcett, H. S., 9a.
Fawcett, K. I., 24b.
Fay, A. C., 30b.
Featherly, H. I., 73b.
Featherstone, M., 19b.
Fedde, M. S., III, 54b.
Feeley, R. O., 83a.
Feldkamp, C. L., II.
Fellers, C. R., 41a.
Fellows, H., 30b.
Feltner, J. M., 33b.
Felton, F. E., 40b.
Fenn, F. U., 84a.
Fenske, T. H., 48b.
Fenstermacher, R., 47b.
Fenton, F., 63b.
Fenton, F. A., 74a.
Fenton, F. C., 31a.
Fenton, Mrs. I. A., 5b.
Fergus, E. N., 33a.
Ferguson, C. M., 71a.
Ferguson, C. W., 10b.
Ferguson, E. J., Jr., 83a.
Ferguson, F. A., 12b.
Ferguson, F. E., 29a.
Ferguson, J. A., 79a.
Ferguson, L. C., 99b.
Ferguson, O. J., III.
Ferguson, O. W., 2b.
Fernald, E. C., 56b.
Fernandes, G. C., 74a.
Fernow, K. H., 64b.
Ferrin, E. F., 45a.
Ferriss, E. N., 62a.
Fessenden, R. W., 40a.
Ficht, G. A., 23b.
Fick, G. L., 1b.
Ficke, C. H., 30b.
Fidler, L. B., 70a.
Fieger, E. A., 35a.
Field, A. M., 46a.
Fifield, W. M., 15b.
Filinger, G. A., 32a.
Filley, H. C., 54a.
Filley, W. O., 13b.
Filmer, R. S., 58a, 59a.
Finch, A. H., 4a.
Findlen, P. J., 62a.
Fink, D. S., 36b.
Finlayson, H. C., 69a.
Finley, H. E., 97a.
Finnell, H. H., 73a.
Firkins, B. J., 28a.
Firor, G. H., 17a.
Firor, J. W., 16a.
Fischer, G. W., 95a.
Fish, Mrs. B. O., 47a.
Fish, E. E., 33b.
Fish, M., 63b.
Fisher, G., III, 28a.
Fisher, H. B., 31b.
Fisher, H. J. (Conn.), 11b, 12a.
Fisher, H. J. (Minn.), 47a.
Fisher, J., 36a.
Fisher, M. C., 28a.
Fisher, M. S., 59a.
Fisher, W. I., 64a.
Fiske, J. G., 57a, 59b.
Fitch, C. L., 29a.
Fitch, C. P., 47b.
Fitch, F. W., 16a.
Fitch, J. B., 45b.
Fitch, W. Q., 24a.
Fite, A. B., 60b.
Fitschen, F. W., 34b.
Fitts, E. B., 78a.
FitzGerald, D. A., 27a.
Fitzgerald, M., 74b.
Fitzgerald, N. E., 85b.
Fitzgerald, O. A., 19b.
Fitzgerald, T. C., 71a.
Fitzpatrick, H. M., 64b.
Fitzpatrick, T. H., 86a.
Fitzsimmons, C., 22a.
Fitzsimmons, J. R., 29a.
Flack, M. L., 54a.
Flanders, S. E., 7b.
Flanery, C. C., 85a.
Flansburgh, E. A., 62b.
Fleck, H., 13b.
Fleenor, B. H., 31a.
Fleetwood, J. R., 50b.
Fleischman, Mrs. G. C., 75b.
Fleming, B., 2a.
Fleming, C. E., 55b.
Fleshman, C. L., 92a.
Fletcher, R. K., 88a.
Fletcher, S. W , IV, 77a, 79a.
Flint, A. E., 39b.
Flint, J. C., 11b.
Flint, O. S., 41b.
Flint, W. P., 21b.
Flor, W. H., 68a.
Florence, C. W., 52a.
Floyd, A., 2b.
Floyd, D. L., 16a.
Floyd, E. V., 32a.
Floyd, E. Y., 66a.
Floyd, J. C., 35b.
Floyd, W. L., 14a, 15a.
Fluharty, L. W., 7a.
Fluke, C. L., Jr., 98b.
Fogg, H. C., 56a.
Fohn-Hansen, Mrs. L. O., 3a.
Foker, A. M., 48b.
Foley, M. E., 40b.
Foley, M. J., 40a.
Foley, R. C., 39a.
Folger, A. H., 6a.
Folsom, D., 37b.
Foltz, V. D., 30b.
Folweiler, A. D., 35b.
Foote, C. C., 31b.
Forbes, E. B., 77b.
Forbes, F., 27b.
Forbes, I. L., 35a.
Forbes, M. E., 40b.
Forbes, W. T. M., 62b.
Ford, A. L., 84b.
Ford, H. W., 31b.
Ford, O. W., 25a.
Ford, R. E., 10b.
Fordham, F., 83a.
Foresman, G. K., 23a.
Forest, B., 100b.
Forest, R. M., 76b.
Forman, L. W., 28a.
Forster, G. W., 66b.
Fortune, A. J., 89a.
Fosberg, F. R., 18a.
Foster, B. E., 4a.
Foster, E. O., 3b.
Foster, J. D., 34b.
Foster, J. E. (Iowa), 27a.
Foster, J. E. (N. C.), 66a.
Foster, L. G., 70a.
Foster, W. A., 21b.
Foter, M. J., 61b.
Foulkrod, G. M., 56a.
Fourt, D. L., 19a.
Foust, H. L., 29b.
Fouts. E. L., 73b.
Fowlds, M., 83b.
Fowler, E. E., 47a.
Fowler, G. R., 29b.
Fowler, M. B., 63a.
Fox, F. E., 75a.
Fox, G. W., 29a.
Frame, B. H., 50b.
France, R. L., 39b.
Francioni, J. B., Jr., 35a.
Francis, M., 88b.
Francklow, J. K., 88b.
Frandsen, J. H., 40a.
Frandsen, P., 55a.
Frank, E. R., 32b.
Frank, G., 97a.
Frank, N. A., 71b.
Franke, K. W., 84a.
Franklin, H. J., 41b.
Franks, Mrs. E. B., 70b.
Franzke, C. J., 83b.
Fraps, G. S., 87a.
Fraser, A. C., 64a.
Fraser, R. R., 24b.
Fraser, W. J., 21a.
Frayer, J. M., 91a.
Frayser, M. E., 83a.
Frazier, W. A., 39a.
Frazier, W. C., 98a.
Frear, D. E. H., 78a.
Fred, E. B., 98a.
Frederick, H. J., 90b.
Freeborn, S. B., 7b.
Freeland, R. O., 69b.
Freeman, E. M., 45a.
Freeman, J. F., 33a.
Freeman, M. E., 37a.
Freeman, Mrs. R. C., 22a.
Freeman, V. A., 41a.
Freeman, V. C., 23a.
French, A. P., 41a.
French, M. P., III, 12b.
French, O. C., 7a.
Freytag, F. C., 100a.
Friant, R. J. (Iowa). 28a.
Friant, R. J. (W. Va.), 96a.
Frick, E. J., 32b.
Friend, R. B., 13a.
Friend, W. H., 89b.
Frier, G. M., 24a.
Fries, J. A., 77b.
Frisbie, L. I., 54b.
Frischknecht, C., 90b.
Fritchoff, A. C., 76b.
Fritz, E., 8a.
Frodsham, J., 51b.
Froker, R. K., 98a.
Frolik, A. L., 53a.
Fromme, F. D., III, IV, 96a.
Frost, H. B., 8b.
Frost, J. T., 23a.
Frost, K. R., 7a.
Frost, S. W., 79b.
Frost, W. D., 98a.
Frutchey, C. W., 42a.
Fry, J. M., 78b.
Fryman, C., 72b.
Fudge, B. R., 15b.
Fudge, J. F., 87b.
Fuhr, C., 50b.
Fuhriman, W. U., 90a.
Fujimoto, G., 18a.
Fulghum, R. M., 14b.
Fuller, F. D., 88a.
Fuller, G. M., 26b.
Fuller, J. E., 39b.
Fuller, J. G., 97b.
Fuller, M. G., 22b.
Fullilove, W. T., 17a.
Fulmer, E. I., 26a.
Fulton, B. B., 67b.
Fulton, W. T., 91b.
Funchess, M. J., 1a.
Funk, E. M., 51b.
Funkhouser, J. A., 56a.
Furgason, M. D., 84b.
Futrall, J. C., 4a.

Gabbard, L. P., 87b.
Gabriel, H. S., 13a.
Gabrielson, M. L., 28b.
Gaddis, L. R., 24a.
Gaddis, S., 10a.
Gaddum, L. W., 15a.
Gaessler, W. G., 26a.
Gage, G. E., 39b.
Gail, F. W., 19a.
Gaines, E. F., 94a.
Gaines, F., 89a.
Gaines, J. C., Jr., 88a.
Gaines, J. G., 17a.
Gaines, N. W., 54a.
Gaines, P. C., 52a.
Gaines, W. L., 21a.
Gainey, P. L., 30b.
Gallagher, H. J., 42b.
Gallaway, M., 5b.
Galloway, J. C., 27a.
Galloway, Z. L., 33b.
Gallup, W. D., 73b.
Gamble, M. E., 24b.
Gambrell, F. L., 65b.
Gandy, J. M., 93a.
Gandy, L. E., 74a.
Gannon, A. F., 17b.
Gannon, E. A., 23b.
Gannon, F. A., 28b.
Gapen, K. M., 99b.
Garber, R. J., 96a.
Garcia, F., 60a.
Gard, N. A., 12b.
Gardiner, M. J., 83a.
Gardner, A. K., 36a, 37b.
Gardner, F. D., 77a.
Gardner, F. E., 39a.
Gardner, G. R., 93a.
Gardner, H. M., 60a, b.
Gardner, J. S., 34a.
Gardner, L. P. (Maine), 36a.
Gardner, L. P. (N. Y.), 62a.
Gardner, M. E., 67a.
Gardner, M. W., 9a.
Gardner, R., 9a.
Gardner, V. R., IV, 41a.
Gardner, W., 90b.
Garey, L. F., 46a.
Garland, J., 49a.
Garman, P., 13a.
Garman, W. H., 87b.
Garner, C. G., 16a.
Garner, I. D., 28a.
Garnett, W. E., 92a.
Garot, L., 5b.
Garrett, C. L., 62a.
Garrett, M. F., 2a.
Garrett, O. F., 21a.
Garrigus, H. L., 11a
Garris, E. W., 14b.
Garrison, E. A., 76b.
Garrison, E. R., 50a.
Garrison, H. S., 17a.
Garside, M. S., 34a.
Garver, H. L., 94b.
Garvey, M. E. M., 39b.
Garvin, A. L., 70b.
Gaskill, E. F., 41b.

Gasser, G. W., 3a.
Gaston, H. P., 44a.
Gaston, T. L., Jr., 48b.
Gatchell, D. K., 2a.
Gates, F. C., 30b.
Gates, W. H., 36a.
Gatlin, C. E., 85b.
Gatton, D., 81b.
Gauger, H. C., 67a.
Gault, L. V., 34b.
Gauntt, E. A., 57b.
Gauntt, F., 59a.
Gay, C. W., 69a, 71b.
Gaylord, F. C., 24b.
Gearhart, C. R., 78a.
Geddes, C. C., 45b.
Geddes, J. A., 90a.
Gee, E. A., 42b.
Gehrman, A. J., 100b.
Gelbach, R. W., 94a.
Gelpi, A. J., Jr., 35a.
Geltz, C. G., 24a.
Gemmell, G. A., 31a.
Gentner, L. G., 77b.
Gentry, C. B., 11a, 12a.
Gentry, C. C., 10a.
George, A. G., 54a.
George, G. D., 47b.
Gerard, G. B., 40b.
Gerber, R. M., 73b.
Gericke, W. F., 9b.
Gerlaugh, P., 71b.
Gernert, W. B., 73a.
Gerritz, H. W., 94a.
Gershoy, A., 91a.
Gessner, A. A., 99b.
Gettemy, W. S., 43b.
Gibbons, E. H., 87a.
Gibbons, R. M., 54b.
Gibbs, C. S., 41b.
Gibbs, J. A., 12a.
Giberson, R. H., 46b.
Gibson, Mrs. C. M., 28b.
Gibson, H. H., 76a.
Gibson, W. L., 92b.
Gieger, M., 48a.
Giese, H., 27b.
Gieseker, L. F., 52a.
Gieseking, J. E., 20a.
Gilbert, B. E., III, 81a.
Gilbert, C. H., 100b.
Gilbert, C. S., 100b.
Gilbert, E. M., 99b.
Gilbertson, G. I., 84a.
Gilbertson, L. I., 94a.
Gildersleeve, T. W., 68b.
Gildow, E. M., 20 b.
Gile, B. M., 5a.
Giles, G. W., 50b.
Gilkey, H. M., 76a.
Gilliam, M. S., 83a.
Gilligan, G. M., 13a.
Gilman, H., 26b.
Gilman, J. C., 26a.
Gilmore, F. A., 43b.
Gilmore, J. W., 6a.
Gilmore, W. J., 76a.
Giltner, W., 44b.
Gingrich, F. F., 21b.
Ginn, W. N., 60b.
Ginsburg, J. M., 58a, 59a.
Ginter, Mrs. A. E., 51a.
Girton, R. E., 23a.
Gish, C. L., 32b.
Gish, P. T., 93b.
Gist, R. H., 96b.
Givan, C. V., 7a.
Gjelsness, R. H., 4b.
Gladding, H. M., 8a.
Gladwin, F. E., 65b.
Glanton, L. P., 2a.
Glasgow, H., 65b.
Glass, J. S., 31a.
Glass, K., 5a.
Glass, L. C., 20b.
Glatfelter, G. V., 39a.
Glead, C. J., 3a.
Gleason, A. F., 14b.
Gleiser, F. W., 28a.
Glenn, J., 18b.
Glenn, M. A., 2b.
Glick, D. P., 11b.
Glocker, T. W., 85b.
Glover, A. C., 20a, 21b.
Glover, G. H., 11a.
Glover, L. C., 56b.
Glover, O. B., 31b.
Gloyer, W. O., 65a.
Goar, L. G., 6a.
Gobble, C. F., 23a.
Godbey, C. B., 86b.
Godbey, E. G., 82a.
Godfrey, G. W., 25a.
Godkin, J., 92a.
Goeder, L. P., 11a.
Goff, C. C., 14b.
Goff, O. E., 74b.
Golding, N. S., 94b.
Goldstein, H. I., 47a.
Goldstein, V., 47a.
Goldston, E. F., 66a.
Goo, G. W. H., 18a.
Good, E. S., 33a.
Good, H. G., 2b.
Goodale, B. E., 82b.
Goodding, L. N., 76a.
Goodding, T. H., 53a.
Goode, B. L., 97a.
Goode, D. M., 77a.
Goodeal, G. P., 69b.
Goodell, C. J., 48a.
Gooding, P. H., Jr., 83a.
Goodman, A. M., 62b.
Goodman, K. V., 66a.
Goodspeed, A. W., 37b.
Goodwin, J. B., 9a.
Goodwin, M. A., 10a.
Goodwin, M. W., 13a.
Gordon, C. E., 40b.
Gordon, F. J., 3a.
Gordon, G. E., 6b.
Gordon, H. H., 92b.
Gordon, K. L., 77a.
Gordon, M. A., 48b.
Gordon, R. B., 69b.
Gordon, W. R., 81a.
Gorham, E. R., 47a.
Gorman, J. A., 100a.
Gorman, N. D., 68b.
Gorrell, Mrs. F. L., 70b, 72b.
Gortner, R. A., 45a.
Goss, E. F., 26b.
Goss, H., 6a.
Goss, L. W., 71b.
Goss, R. W., 53b.
Goth, A. G., 52a.
Gouaux, C. B., 36a.
Gould, B., 74b.
Gould, E., 96b, 97b.
Gould, G. E., 23b.
Gould, G. M., 37b.
Gould, H. G., 54b.
Gould, I., 42a.
Gourley, J. H., 70b, 72b.
Gow, A., Jr., 38a.
Gowen, J. W., 36b.
Graber, L. F., 97a.
Grace, Mrs. M. V., 51a.
Graddy, I. C., 33b.
Graeber, R. W., 67a.
Graff, E. F., 27b.
Graham, C., 38b.
Graham, C. A., 83b.
Graham, F. P., 66a.
Graham, H. A., 73b.
Graham, J. C., 41b.
Graham, K. H., 15b.
Graham, R., 21a.
Graham, R. E., 79a.
Graham, V., 87b.
Graham, W. F., 24a.
Gramlich, H. J., 53a.
Grams, W. T., 61a.
Grandfield, C. O., 30a.
Granovsky, A. A., 46b.
Grant, B. F., 16b.
Grant, B. V., 43b.
Grant, E. A., 3a.
Grantham, G. M., 44b.
Gratz, L. O., 15b.
Graul, E. J., 99b.
Gravitt, W. T., 2a.
Gray, D. T., III, 4a.
Gray, E. R., 22a.
Gray, J. P., 34a.
Gray, K. W., 76b.
Gray, T. D., 96b.
Greathouse, G. A., 38a.
Greaves, J. E., 90a.
Greaves, R. E., 67a.
Green, F. M., 11b.
Green, H. J., 68a.
Green, J. R., 52a.
Green, L. B., 43a.
Green, T. H., 34b.
Green, W. W., 93b.
Greene, J. G., 54b.
Greene, L., 24b.
Greene, L. M., 91a.
Greene, P. S., 37b.
Greene, R. A., 3b.
Greene, R. E. L., 66b.
Greene, S. S., 48b.
Greene, S. W., 49b.
Greenlees, A. L., 58b.
Greenwood, M. L., 60b.
Greer, F. A., 6a.
Greer, J. W., 26b.
Greer, S. J., 49b.
Greer, S. R., 49b.
Gregg, J. W., 8b.
Gregg, Mrs. M. K., 27b, 28a.
Gregg, O. I., 44a.
Gregory, C. T., 23a.
Gregory, H. W., 23b.
Gregory, P. W., 6a.
Gregory, R. W., 23b.
Grey, M. E., 25a.
Gribble, L. R., 96a.
Gribskov, E. P., 28b.
Griffee, F., 36a.
Griffin, D. B., 96a.
Griffin, F. L., 7a.
Griffith, M. E., 70b, 72b.
Griffith, W. I., 30b.
Griggs, E. M., 15a.
Grimes, J. C., 1a.
Grimes, M. A., 88b.
Grimes, W. E., 31a.
Grinnell, H. C., 56a.
Grinnells, C. D., 66a.
Grinstead, L. R., 50b.
Griswold, G. H., 62b.
Grizzard, A. L., 92a.
Groendyke, F. L., 59a.
Groseclose, H. C., 92b.
Gross, D. L., 53a.
Gross, E. R., 58a, 59a.
Gross, I. H., 43b.
Gross, L. G., 65a.
Grossley, Mrs. H. B., 14b.
Grossley, R. S., 14a.
Grossman, J. D., 71b.
Groth, A. H., 11b.
Grover, E. L., 42b.
Groves, A. B., 92a.
Groves, K., 94a.
Grunder, M. S., 95b.
Grundmeier, E. G., 34a.
Grussendorf, D. T., 48a.
Guard, A. T., 23a.
Guard, W. F., 71b.
Guba, E. F., 40a.
Guerrant, N. B., 78a.
Gui, H. L., 72a.
Guilbert, H. R., 6a.
Guin, M., 82b.
Guise, C. H., 63a.
Gullickson, T. W., 45b.
Gumbart, E. H., 12a.
Gunderson, L. E., 55a.
Gundlach, M. C., II.
Gunn, R. V., 42b.
Gunness, C. I., 40b.
Gunns, C. A., 9b.
Gunselman, M. A., 31b.
Gunson, M., 28b.
Guss, L. S., 84a.
Gustafson, A. F., 61a.
Gutekunst, H. C., 42a.
Guterman, C. E. F., 64b.
Guthrie, E. S., 61b.
Guthrie, J. E., 29b.
Guthrie, M. J., 51b.
Guthrie, M. L., 86a.
Guyton, F. E., 2b.

Haag, J. R., 76a.
Haas, A. J., 97a.
Haas, A. R. C., 9b.
Haber, E. S., 29a.
Haber, V. R., 79b.
Hackedorn, H., 94a.
Hackleman, J. C., 20a.
Hadden, S. J., 17a.
Haddock, E. H., 49a.
Haddock, J. L., 39a.
Haddon, C. B., 36b.
Haddon, M. E., 49a.
Hadley, F. B., 99b.
Hadley, L. B., 24b.
Haedecke, A. D., 45a.
Haegele, R. W., 19b.
Haenisch, E. L., 52a.
Haenseler, C. M., 58b, 59b.
Hafenrichter, A. L., 94a.
Hagman, I. C., 34a.
Hagy, E. V., 96b.
Haig, F. M., 66a.
Haigh, L. D., 50a.
Haines, G., II.
Halbrook, E. R., 32b.
Hale, F., 87a.
Hale, G. A., 17a.
Hale, Mrs. H. E., 86b.
Hale, W. J., 86a.
Hale, W. J., Jr., 86b.
Hale, W. M., 99a.
Haley, D. E., 78a.
Haley, S. A., 2a.
Hall, C. N., 56a.
Hall, E. E., 83b.
Hall, G. M., 86a.
Hall, G. O., 64b.
Hall, H. G., 25b.
Hall, H. W., 36a.
Hall, I. F., 98a.
Hall, Mrs. I. S., 8a.
Hall, J. L., 30b.
Hall, L. F., 31a.
Hall, O. F., 23b, 24a.
Hall, O. J., 5a.
Hall, R. A., 89a.
Hall, S. W., 22b.
Hall, W. C., 50a.
Hall, W. F., 78b.
Haller, F. W., 79b.
Halliday, G. E., 25a.
Halligan, C. P., 44a.
Hallman, E. T., 44b.
Hallsted, A. L., 32b.
Halma, F. F., 8b.
Halpin, J. G., 99b.
Halversen, W. V., 19a.
Halverson, J. O., 66a.
Ham, R. C., 57a.
Hamblin, A. P., 97b.
Hamiel, G. R., 60a.
Hamilton, A. B., 38b.
Hamilton, C. C., 58a, 59a.
Hamilton, C. H., 66b.
Hamilton, C. M., 95b.
Hamilton, G. C., 74a.
Hamilton, H. G., 14b.
Hamilton, J. M. (Mont), 52a.
Hamilton, J. M. (N.Y.), 65a.
Hamilton, J. O., 32a.
Hamilton, R. W., 82a.
Hamilton, T. R., 87b.
Hamilton, T. S., 21a.

Hamilton, W. J., Jr., 62b.
Hamlin, H. M., 27a.
Hamlin, M., 40b.
Hamlin, Mrs. R. A., 24b.
Hamm, A. S., 101a.
Hammans, C. W., 70a.
Hammar, C. H., 50b.
Hammer, B. W., 26b.
Hammer, O. H., 65b.
Hammerberg, D. O., 12a.
Hammersland, H., 47b.
Hammond, H. E., 51b.
Hammond, R. E., 42b.
Hammond, W. E., 25a.
Hammons, A. L., 52b.
Hamner, A. L., 49b.
Hampson, C. C., 94b.
Hampson, C. M., 84a.
Hampton, L. E., 25b.
Hancock, N. I., 85a.
Hand, W. F., 48a.
Hanmer, J. G., 25a
Hanna, F. J., 32a.
Hanna, G. C., 8b.
Hanna, L. C., 3a.
Hanning, F. M., 43b.
Hansberry, T. R., 29b.
Hansen, C. J., 8b.
Hansen, D., 53b.
Hansen, E. N., 25a.
Hansen, H. C., 19a.
Hansen, H. N., 9a.
Hansen, J. M., 28a.
Hansen, Mrs. L. O. Fohn-, 3a.
Hansen, L. S., 24b.
Hansen, N. E., 84b.
Hansen, T. Schantz-, 46b, 47b.
Hansen, W. L., 90b.
Hanson, A. J., 95b.
Hanson, A. M., 29a.
Hanson, E. A., 45b.
Hanson, F. E., 98a.
Hanson, H. C., 68a.
Hanson, S. O., 37b.
Haralson, F. E., 47b.
Harden, F. G., II.
Hardenburg, E. V., 64a.
Harding, E. V., 79a.
Hardman, G., 55b.
Hardy, W. T., 89b.
Haring, C. M., 9b.
Harlan, J. D., 65b.
Harlan, M. L., 24a.
Harling, Mrs. E. P., 30a.
Harman, M. T., 32b.
Harman, S. W., 65b.
Harmer, P. M., 44b.
Harms, A. H., 33a.
Harnden, E. E., 73a.
Harned, H. H., 48a.
Harned, V., 74b.
Harper, C., 23a.
Harper, F. A., 62a.
Harper, H. J., 73a.
Harper, Mrs. M. K., 63b.
Harper, M. W., 61a.
Harper, W. L., 27b.
Harrelson, J. W. 66a.
Harrill, L. R., 67a.
Harriman, L. A., 26b.
Harrington, F. M., 53a.
Harrington, M. T., 87b.
Harrington, W. C., 40b.
Harris, B., 67b.
Harris, C. E., 33a.
Harris, C. H., 27a.
Harris, G. M., 33a.
Harris, H. C., 13a.
Harris, H. I., 48a, 49b.
Harris, H. L., 47b.
Harris, H. M., 29b.
Harris, J. W., III, 86a.
Harris, K., 4a.
Harris, K. W., 63a.
Harris, L., 55b.
Harris, M. B., 43a.
Harris, R. J., 67b.
Harris, R. T., 97b.
Harris, V. A., 31b.
Harris, W. J., 33a.
Harrison, A. K., 41a.
Harrison, E. S., 61a.
Harrison, F., 95a.
Harrison, P. K., 36a.
Harrison, T. B., 85b.
Harrison, W. B., 68a.
Harrison, W. E., 38b.
Harrison, W. R., 89a.
Harrold, T. J., 17a.
Harshfield, G. S., 68a.
Hart, C. P., 81a.
Hart, E. B., 98a.
Hart, G. H., 6a.
Hart, H., 47b.
Hart, K. M., 43b.
Hart, V. B., 62a.
Harter, W. L., 27a.
Hartley, C. H., 96b.
Hartman, G., 100a.
Hartman, H. (Mich.), 42b.
Hartman, H. (Oreg.), 75b.
Hartman, J. D., 64a.
Hartman, L. W., 55b.
Hartman, S. C., 72b.
Hartmann, L., 38b.
Hartsell, S. E., 11a.
Hartsuch, B. E., 42a.
Hartt, C., 18a.
Hartwell, W. H., 57a.
Hartwig, H. B., 61a.
Hartwig, N. A., 84a.
Hartzell, F. Z., 65b.
Harvel, L. W., 87b.
Harvey, A. L., 45a.
Harvey, C. B., 72b.
Harvey, H. W., 17a.
Harvey, R. B., 47b.
Haseman, L., 50b.
Haskins, H. B., 40a.
Haslerud, E. J., 68b, 69a.
Hastie, M. A., 62a.
Hastings, E. G., 97b.
Haston, C. D., 73a.
Haswell, J. R., 78b.
Hatch, K. L., III, 97a, 98b.
Hatch, M. B., 76a.
Hatfield, G. H., 85b.
Hathaway, I. L., 54a.
Hauck, A. A., 36a.
Hauck, C. W., 70a, 72a.
Hauck, H. M., 63b.
Hauge, S. M., 23a.
Hause, C. D., 44a.
Hauser, M. A., 28a.
Hausman, L. A., 58b.
Hausrath, A. H., Jr., 27a.
Haut, I. C., 74b.
Hauter, L. H., 60a, b.
Havis, L., 72b.
Hawkins, J. H. (Maine), 37a.
Hawkins, J. H. (Ohio), 72b.
Hawkins, J. R., 82a.
Hawkins, L. E., 73a.
Hawkins, R. S., 3a.
Hawkins, S. O., 15b.
Hawkins, T. E., 52b.
Hawks, J. E., 43b.
Hawley, R. D., 41b.
Hawn, M. C., 68a.
Hawthorn, L. R., 89b.
Hay, R. C., 21b.
Hay, W. D., 53b.
Hayball, E., 90b.
Haydak, M. H., 46b.
Hayden, A., 26a.
Hayden, C. C., 72a.
Hayes, A. O., 58a.
Hayes, F. M., 9b.
Hayes, H. K., 45a.
Hayes, J. B., 99b.
Hayes, R. W., 35b.
Hayes, W. W., 3a.
Haymaker, H. H., 30b.
Haynes, Mrs. H. J., 41a.
Hays, F. A., 41b.
Hays, J. G., 42a.
Hazeltine, D. M., 31b.
Hazelwood, B. P., 86b.
Hazen, Mrs. H. W., 58a.
Hazen, L. E., 74a.
Headlee, T. J., 58a, 59a.
Headley, F. B., 55a.
Heald, F. D., 95a.
Hean, C. S., 100a.
Heard, C. E., 88a.
Hearn, M., 88b.
Hearne, C. C., 50b.
Heath, L. B., 77a.
Heck, C. M., 67a.
Heckman, J. H., 5a.
Hedges, C. C., 87a.
Hedges, H., 54a.
Hedges, T. R., 21b.
Hedlund, G. W., 62a.
Hedrick, U. P., 65a.
Hedrick, W. O., 42b.
Heebink, G., 84a.
Heflebower, R. B., 94b.
Hegnauer, L., 94a.
Heim, R. W., 13a.
Heiman, V., 95a.
Heine, A. C., 48b.
Heiner, A. C., 70b.
Heiner, Mrs. M. K., 76b.
Heinicke, A. J., 64a.
Heinzel, F. E., 63a.
Heiser, F., 12a.
Heitsch, M., 12b.
Heizer, E. E., 69a.
Heller, V. G., 73b.
Helm, C. A., 50b.
Helser, M. D., 25b.
Helyar, F. G., 57a.
Henderson, A. M., 28b.
Henderson, D. C., 79b.
Henderson, E. W., 25a.
Henderson, G. A., 22a.
Henderson, G. M., 63b.
Henderson, G. R., 9b.
Henderson, H. O., 96a.
Henderson, J. L., 6b.
Henderson, L., 86a.
Henderson, M., 21b.
Henderson, R. G., 92a.
Henderson, W. J., 26a.
Henderson, W. W., 90b.
Hendley, E. C., 48a.
Hendricks, J. W., 67b.
Hendrickson, A. H., 8b.
Hendrickson, B. H., 89b.
Hendrickson, G. O., 29b.
Hendrix, W. R., 34b.
Hendry, G. W., 6a.
Hening, J. C., 65b.
Hening, Mrs. R. E., 65b.
Henke, L. A., 18a.
Henley, W. W., 14a.
Henney, H. J., 31a.
Henning, G. F., 70a, 72a.
Henning, W. L., 77a.
Henry, E. M., 86b.
Henry, M. F., 63b.
Hensel, F. W., Jr., 88b.
Hensley, M. L., 22a.
Henson, E. R., 28a.
Hepburn, W. M., 25b.
Hepler, J. R., 56b.
Hepler, J. V., 31b.
Hepner, F. E., 100b.
Hepworth, M. M., 19b.
Herbert, P. A., 43b.
Herman, H. A., 50a.
Herman, J. R., 95a.
Herms, W. B., 7b.
Herr, Mrs. A. T., III, 40b.
Herreid, E. O., 45b.
Herrick, C. A., 99b.
Herrick, G. W., 62b.
Herring, G. C., 92a.
Herrington, B. L., 61b.
Herrington, G. L., 85b.
Herrmann, L. F., 96b.
Hershey, A. L., 60a.
Hershey, R. R., 43b.
Hertel, K. L., 85b.
Hervey, G. E. R., 65b.
Herzer, F. H., 48b.
Hesler, L. R., 85a.
Hess, H. H., 58a.
Hess, Mrs. K. J., 31b.
Hester, J. B., 93a.
Hetzel, R. D., 77a.
Heuberger, J. W., 38a.
Heuermann, W. W., 54a.
Heukelekian, H., 58b, 59b.
Heuser, G. F., 64b.
Hewitt, E. A., 29b.
Heye, H., 37b.
Heyle, E. M., 50b, 51a.
Hibbard, B. H., 98a.
Hibbard, P. L., 6b.
Hibbard, R. P., 42a.
Hickman, C. W., 19a.
Hickman, T. A., 86b.
Hicks, F. V., 92b.
Hicks, I. M., 16b.
Hicks, L. E., 69b.
Hicock, H. W., 13b.
Hienton, T. E., 23b.
Hiestand, W. A., 23a.
Higginbotham, A. L., 55b.
Higgins, B. B., 17a.
Higgins, L. A., 48b.
Higgins, L. J., 56a.
Higgs, C., 88b.
Highfill, J. V., 5a.
Hilbun, B. F., 48b.
Hildebrand, E. M., 64b.
Hilgeman, R. H., 4a, b.
Hill, C. L., 35a.
Hill, C. O., 85a.
Hill, D. D., 75b.
Hill, E. B., 43a.
Hill, F. F., 62a.
Hill, H. E. (Conn.), 11b.
Hill, H. E. (N. H.), 56b.
Hill, H. H., 92a.
Hill, H. S., 37a.
Hill, J. A., 100a.
Hill, J. B., 78a.
Hill, O. J., 94b.
Hill, R. L., 90a.
Hillhouse, M. S., 43b.
Hillman, V. R., 92b.
Hills, J. L., 91a.
Hilton, J. H., 23b.
Hilyard, L. V., 31b.
Himmel, J., 27a.
Hinds, H. B., 4b.
Hinds, W. E., 36a.
Hines, C., 49a.
Hinkle, C. N., 23b.
Hinman, F. G., 76b.
Hinman, R. B., 61a.
Hinote, J., 50b.
Hinrichs, A. F., 24a.
Hinshaw, W. R., 9b.
Hinton, S. A., 85b.
Hirst, C. T., 90a.
Hitchcock, E. A., IV.
Hitchcock, I. M., 22a.
Hitchcock, J. A., 91a.
Hitchner, E. R., 36a.
Hixon, R. M., 26a.
Hixson, E., 74a.
Hoagland, D. R., 6b.
Hobart, C. A., 4b.
Hobart, I. M., 47a.
Hobbs, W. R., 71b.
Hobson, A., 98a.
Hodges, J. A., 31a.
Hodgkiss, H. E., 79b.
Hodgson, R. E. (Minn.), 48b.

Hodgson, R. E. (Wash.), 94b, 95b.
Hodgson, R. W., 6a, 8b.
Hodsden, B. M., 92a.
Hodson, A. C., 46b.
Hoefer, A., 63a.
Hoerner, G. R., 76a.
Hoerner, J. L., 10b.
Hofer, A. W., 65a.
Hoffer, C. R., 44b.
Hoffman, A. C., 98a.
Hoffman, I. C., 72b.
Hoffman, L. E., 24a.
Hoffman, M. B., 64a.
HofMann, F. W., 93a.
Hofmann, J. V., 67a.
Hogan, A. G., 50a.
Hogenson, J. C., 89a.
Hoggan, I. A., 99a.
Holben, F. J., 77a.
Holbert, J. C., 25b.
Holdaway, C. W., 92a.
Holden, E. D., 97a.
Holder, T. D., 39a.
Holdsworth, R. P., 40b.
Holland, E. B., 40a.
Holland, E. O., IV, 94a.
Holland, R. E., 54b.
Hollands, H. F., 46a.
Holleman, M. P., 88b.
Holley, K. T., 17a.
Hollinger, E. C., 60b.
Hollinger, M. E., 35b.
Hollister, S. P., 12b.
Hollopeter, C. A., 73a.
Holloway, K. L., 5a.
Holman, R. M., 9b.
Holmes, C. E., 99b.
Holmes, C. S., 15a.
Holmes, F. S., 39b.
Holmes, H. C., 85b.
Holmes, L. G., 99a.
Holmes, Mrs. S. P., 49a.
Holmgreen, E. N., 87a.
Holsinger, C. V., 29a.
Holt, D., 100b.
Holton, C. S., 95a.
Holton, E. L., 31a.
Honess, R. F., 101a.
Honeywell, E. R., 24b.
Hood, G. G., 47a.
Hood, K., 62a.
Hooker, W. A., II.
Hootman, H. D., 44a.
Hoover, L. M., 34a.
Hopkins, A. W., 99a.
Hopkins, E. F., 61b.
Hopkins, J. A., Jr., 27a.
Hopkins, Mrs. M. S., 28b.
Hopkins, P. L., 89b.
Hopper, H. A., 61a.
Hopper, T. H., 68b.
Hoppert, C. A., 42a.
Hoppert, E. H., 55a.
Horat, L. E., 25a.
Horlacher, L. J., III, 33a.
Horlacher, W. R., 86b.
Horn, V., 98a.
Horn, W. S., 94b.
Horne, W. T., 9a.
Horner, G. M., 94a.
Horning, W. H., 29a.
Hornung, T. G., 24a.
Horovitz, K. Lark-, 25a.
Horrall, B. E., 23b.
Horsfall, F., Jr., 51a.
Horsfall, J. G., 65a.
Horsley, E., 10a.
Horst, H. E., 70b.
Horton, G., 67b.
Horton, L., 69a.
Horton, M. F., III, 88a.
Horton, P. M., 35a.
Horvath, A. A., 13a.
Horwood, R. E., 42a.
Hoskins, E. R., 62a.
Hoskins, J. D., IV, 85a.
Hoskins, W. M., 7b.
Hosmer, R. S., 63a.
Hostetler, E. H., 66b.
Hott, N. M., 84b.
Hottes, C. F., 20a.
Hough, W. S., 92b.
House, E. B., 10b.
Houser, J. S., 72a.
Hovis, W. A., 51a.
Howard, F. L., 81a.
Howard, J. T., 40a.
Howard, M., 55a.
Howard, Mrs. M. G., 57a.
Howard, N. J., 34b.
Howard, Mrs. N. J., 95a.
Howard, R. C., 93a.
Howard, R. H., 14b.
Howard, W. L., 6a, 8b.
Howarth, J. A., 9b.
Howe, A., 24b.
Howe, F. B., 61a.
Howe, G. H., 65b.
Howe, H., 31a.
Howe, O. W., 46a.
Howell, C. E., 6a.
Howell, H. B. (Iowa), 27a.
Howell, H. B. (Oreg.), 77b.
Howell, W. C., 48b.
Howes, H. L., 57a.
Howland, A., 42b.
Howlett, F. S., 71a, 72b.
Hoyt, E. E., 28b.
Hoyt, M. A., 11a.
Hubbard, B., 79a.
Hubbard, S. C., 41a.
Hubbell, R. B., 13a.
Huber, G. A., 95b.
Huber, H. F., 58a, 59b.
Huber, L. L., 72a.
Hubert, B. F., 17a.
Huberty, M. R., 7b.
Huckabee, J. W., 88b.
Huckeby, H. M., 10b.
Hucker, G. J., 65a.
Huckett, H. C., 65b.
Huddleson, I. F., 44b.
Hudelson, R. R., 20a, 21b.
Hudson, C. B., 59b.
Hudson, C. R., 67a.
Hudson, G. T., 19b.
Hudson, R. S., 41b.
Huelsen, W. A., 22b.
Huffington, J. M., 79b.
Huffman, C. F., 42a.
Hughes, E. H., 6a.
Hughes, H. D., 27b.
Hughes, H. L., 92b.
Hughes, J. S., 30b.
Hughes, M. C., 41a.
Hughes, O., 70b.
Hughes, R. M., IV, 25a.
Hughes, W. L., 87b.
Hulbert, A. M., 58a.
Hulbert, H. W., 19a.
Hull, F. E., 33a.
Hull, F. H., 14b.
Hull, H. H., 99b.
Hull, R. B., 24b.
Hullihen, W., IV, 13a.
Hulse, M. L., 62a.
Hultz, F. S., 100a.
Humbert, E. P., 86a.
Hume, A. N., 83a, 84b.
Hume, H. H., 14b.
Hummel, B. L., 92b.
Humphrey, D., 48a.
Humphrey, E. N., 19b.
Humphrey, G. C., 97a.
Humphrey, J. E., 33a.
Humphrey, L. M., 26a, 28a.
Humphrey, M. L., 63b.
Humphreys, G., 96b.
Hungerford, C. W., 19a, 20a.
Hunn, C. J., 64a.
Hunt, C., 3b.
Hunt, C. H., 71b.
Hunt, H., 23a.
Hunt, H. H., 47a.
Hunt, H. R., 44b.
Hunt, L. W., 95a.
Hunt, R. A., 33a.
Hunt, R. E., 92a.
Hunt, R. L., 87b.
Hunt, T. F., 8a.
Hunt, W. E., 38a.
Hunter, H. A., 38a.
Hunter, H. L., 82a.
Hunter, J. E., 78a.
Hunter, M., 76b.
Hunter, Mrs. M. E. V., 93a.
Hunter, W. N., 67a.
Hurd, L. M., 64b.
Hurlbut, L. W., 54a.
Hurley, W. C., 83a.
Hurse, A., 17b.
Hurst, F. J., 48b.
Hurt, R. H., 92a.
Husseman, D. L., 99a.
Hussey, F., 84b.
Hussong, R. V., 26b.
Huston, H. H., 70b.
Huston, R. C., 42a.
Hutcheson, J. R., 92a.
Hutcheson, T. B., 92a, 93b.
Hutchins, A. E., 47a.
Hutchinson, C. J., 35b.
Hutchinson, J., 22b.
Hutchison, C. B., 6a.
Hutchison, R. E., 77a.
Hutson, R., 42b.
Hutt, F. B., 64b.
Hutton, C. A., 85b.
Hutton, J. G., 83a.
Hutton, J. P., 44b.
Hutton ,R. E., 53b.
Hyde, J. W., 2a.
Hye, Mrs. C. W., 58b.
Hyer, R. J., 101b.
Hyland, F., 37a.
Hypes, J. L., 12b.
Hyre, H. M., 96a.
Hyslop, G. R., 75b.

Ibach, D. B., 50b.
Ibsen, H. L., 30a.
Iddings, E. J., III, 19a.
Iddles, H. A., 56a.
Igaravidez, L., 80b.
Ilg, C., 59a.
Imlay, F., 34a.
Imley, R. W., 58a.
Immer, F. R., 45a.
Ince, J. W., 81a.
Ingalls, E. L., 91b.
Ingalls, I., 19b.
Ingham, L. W., 38a.
Ingraham, A. S., 101b.
Ingram, C., 35a.
Ingram, Mrs. K. A., 5a.
Ingram, W. T., 2b.
Innes, M. E., 86a.
Insko, W. M., Jr., 33a.
Ireland, J. C., 73a.
Irons, M. L., 51a.
Irvin, C. J., 77a.
Irwin, D. L., 3b.
Irwin, K. G., 10a.
Irwin, M. R., 99a.
Isaac, E. E., 53a.
Isbell, C. L., 2a.
Isbell, W. J., 2b.
Isely, D., 5a.
Israelsen, O. W., 90a.
Iverson, C. A., 26b.
Izquierdo, L. A., 80a.

Jaccard, C. R., 31b.
Jackman, E. R., 75b.
Jackman, J. W., 25a.
Jacks, O., 88b.
Jackson, A. D. (N. H.), 57b.
Jackson, A. D. (Tex.), 88b.
Jackson, B. M., 17a.
Jackson, C. F., 57b.
Jackson, H., 17b.
Jackson, H. C., 98a.
Jackson, L. E., 70a.
Jackson, S. C., 49a.
Jackson, T. H., 49a.
Jacob, A. W., 73b.
Jacob, H. E., 8b.
Jacob, M., 85a, 86b.
Jacobs, Mrs. M., 2b.
Jacobsen, E. A., 22a.
Jacobsen, J. M., 46a.
Jacobson, C. O., 4a.
Jacobson, H. G. M., 13b.
Jacquot, A. C., 94b.
Jahn, H. O., 66b.
James, C. M., 23a.
James, F., 31b.
James, J. A., 98b.
James, M. T., 10b.
James, R. W., 97b.
Jamison, F. S., 15a.
Jans, F. C., 10b.
Jardine, J. T., II, III, IV.
Jarnagin, M. P., 16a.
Jarrett, B., 17b.
Jay, R., 75a.
Jefferies, J. H., 15b.
Jefferson, C. H., 42b.
Jefferson, L. P., 40a.
Jefferson, M. M., 97b.
Jefferson, Mrs. N. C., 14b.
Jeffords, S. L., 82a.
Jeffrey, A. A., 50b.
Jeffries, C. D., 77a.
Jehle, R. A., 38a.
Jenkins, E. G., 38b.
Jenkins, E. W., 91b.
Jenkins, J. M., 36b.
Jenkins, J. M., Jr., 83b.
Jenkins, R. R., 66a.
Jenkins, W. A., 17a.
Jennings, B. A., 62b.
Jennings, D. S., 89a.
Jennings, E., 100b.
Jennings, W. H., 26b.
Jennison, H. M., 85a.
Jenny, G., 97a.
Jenny, H., 51b.
Jensen, C., 68b.
Jensen, C. O., 78a.
Jensen, K., 19b.
Jerdan, A. L., 85b.
Jernigan, W. J., 5a.
Jesness, O. B., 45b.
Jeter, F. H., 66b.
Jeter, T. A., 14a.
Jewett, H. H., 33b.
Jewett, R. M., 78b.
Jewett, S. G., 77a.
Joffe, J. S., 58b.
Johanningsmeier, O. G., 24a.
Johannsen, O. A., 62b.
Johansen, J. P., 84b.
Johansen, J. W., 66b.
Johansen, S., 46a.
John, W. C., IV.
Johns, I. B., Jr., 26b.
Johnson, A., 20b.
Johnson, A. J., 95b.
Johnson, A. J. M., 53a.
Johnson, A. M., 74b.
Johnson, B. E., 4a.
Johnson, B. L., 52a.
Johnson, Mrs. B. M., 49a.
Johnson, B. V., 89a.
Johnson, C. C., 94b.
Johnson, C. G., 36b.
Johnson, C. G. H., 10a.
Johnson, D. W., 45a.
Johnson, E. A. (Ky.), 34b.

Johnson, E. A. (Minn.), 47b.
Johnson, E. C. (Minn.), 46a.
Johnson, E. C. (Wash.), 94a.
Johnson, E. M. (Ky.), 33a.
Johnson, E. M. (N. Dak.), 69a.
Johnson, E. P., 93a.
Johnson, G., 55b.
Johnson, G. E., 32b.
Johnson, G. I., 16b.
Johnson, H. E., 44b.
Johnson, Mrs. H. F., 82b.
Johnson, H. S., 49a.
Johnson, H. W. (Ill.), 21a.
Johnson, H. W. (Wis.), 99b.
Johnson, I. B., 84a.
Johnson, I. J., 45a.
Johnson, J., 99a.
Johnson, J. A., 16b.
Johnson, J. P., 13a.
Johnson, L. M., 24b.
Johnson, Mrs. M., 35b.
Johnson, M. A., 57a.
Johnson, M. E., 3a.
Johnson, M. J., 29b.
Johnson, O., 94a.
Johnson, O. R., 50a.
Johnson, P. E., 20a.
Johnson, P. R., 89b.
Johnson, R. E., 11b.
Johnson, R. F., 19a, 20b.
Johnson, S. E., 84a.
Johnson, S. R., 50a.
Johnson, T. W., 68b.
Johnson, W. E., 82b.
Johnson, W. T., 75a.
Johnston, C. O., 30b.
Johnston, F., 25b.
Johnston, H., 2a.
Johnston, H. G., 88a.
Johnston, J. C., 97b.
Johnston, P. E., 21b.
Johnston, R. E., 84a.
Johnston, S., 45b.
Johnston, T. R., 24a.
Johnstone-Wallace, D. B., 61a.
Jolly, J. H., 35b.
Jonasson, Mrs. F. W., 76b.
Jones, A. D., 66b.
Jones, Mrs. A. H., 28b.
Jones, B. C., 87b.
Jones, C. H., 91a.
Jones, C. P., 40a.
Jones, C. R., 10b.
Jones, C. W., 34a.
Jones, D. C., 74a.
Jones, D. F., 13b.
Jones, D. L., 89a.
Jones, E., 69a.
Jones, E. H., 68b.
Jones, E. R., 98b.
Jones, F. C., 3b.
Jones, F. R., 87b.
Jones, G. D., 50b.
Jones, G. K., 67b.
Jones, H. A., 8b.
Jones, H. M., 84b.
Jones, H. W., 14a.
Jones, I. D., 67a.
Jones, I. H., 88a.
Jones, I. R., 75a.
Jones, J. H., 87a.
Jones, J. L., 86b.
Jones, J. M., 87a.
Jones, J. S., 76a.
Jones, L. G., 86b.
Jones, L. H. (Ga.), 17a.
Jones, L. H. (Mass.), 40a.
Jones, L. I., 49a.
Jones, L. K., 95a.
Jones, L. R., 99b.
Jones, M. D., 37a.
Jones, M. E., 98a.
Jones, Mrs. M. H., 18a.
Jones, M. M. (Mo.), 50b.
Jones, M. M. (Ohio), 70b.
Jones, Mrs. N. K., 99a.
Jones, P. A., 72b.
Jones, P. D., 78a.
Jones, R. E., 12b.
Jones, R. W., Jr., 34b.
Jones, S. C. (Ky.), 33a.
Jones, S. C. (Oreg.), 76b.
Jones, S. E., 88a.
Jones, S. W., 84b.
Jones, T. N., 48b.
Jones, W. W., 34a.
Jordan, A. O., 49a.
Jordan, G. L., 20a, 21b.
Jordan, J. R., 51b.
Jordan, P. S., 48b.
Jordan, R., 24b.
Jordan, T. J., 35b.
Jordan, W. E., 66b.
Joslyn, M. A., 8b.
Joy, E., 84b.
Joyce, T. F., Jr., 85b.
Juaire, M. A., 99a.
Jugenheimer, R. W., 28a.
Jukes, T. H., 9b.
Jungherr, E. L., 11a.
Jurney, R. C., 66a.
Justin, M. M. (Ind.), 25b.
Justin, M. M. (Kans.), III, 31b.

Kadow, K. J., 22b.
Kafka, H., 47a.
Kahlenberg, O. J., 77b.
Kakavas, J. C., 13a.
Kalkus, J. W., 95b.
Kammlade, W. G., 21a.
Kapp, L. C., 4a.
Karper, R. E., 86a.
Karraker, P. E., 33a.
Kaufert, F. H., 46b.
Kauffman, H. H., 79b.
Kays, D. J., 69a.
Kea, J. W., 14b.
Keegan, L. A., 81b.
Keene, P. L., 84b.
Keener, R. L., 17a.
Keffer, C. A., 85a.
Keil, E. M., 58b.
Keilholz, F. J., 21b.
Keim, F. D., 53a.
Keim, J. F., 78b.
Keiser, L. A., 76b.
Keith, E. B., 30b.
Keith, E. T., 32a.
Keith, J. I., 73b.
Keith, M. H., 21a.
Keith, T. B., 77b.
Keithley, R. P., 92a.
Keitt, G. W., 99b.
Kelbert, D. G. A., 15a.
Kelk, O. M., 39b.
Kell, L. B., 32a.
Kellam, W. P., 67b.
Kellar, V. M., 38b.
Keller, A. R., 18a.
Keller, F. L., 52b.
Keller, H., Jr., 57b.
Keller, L. L., 86a.
Keller, W. B., 82a.
Keller, W. D., 51a.
Kelley, E. E., 99a.
Kelley, J. B., 33b.
Kelley, V. W., 22b.
Kelley, W. P., 6b.
Kellogg, C. R., 40b.
Kellogg, M., 84b.
Kellogg, P. P., 62b.
Kelly, A., 31b.
Kelly, E. G. (Del.), 13b.
Kelly, E. G. (Kans.). 31a.
Kelly, E. L., 12a.
Kelly, F., 90b.
Kelly, J. P., 78a.
Kelly, L. H., 42b.
Kelly, M., 47b.
Kelly, W. A., 43b.
Kelsey, L. D., 63a.
Kelty, R. H., 44a.
Kemp, W. B., 37b.
Kempster, H. L., 51b.
Kendall, J. C., 56a.
Kendrick, J. B., 9a.
Kendrick, M. S., 62a.
Kendrick, W. H., 96b.
Kenestrick, H. G., 70a.
Kennard, D. C., 71b.
Kennedy, A. C., 70a.
Kennedy, C., 45a.
Kennedy, C. H., 71b.
Kennedy, H., 2a.
Kennedy, Mrs. J. F., 70b.
Kennedy, W. L., 74a.
Kenney, Mrs. E. W., 36b.
Kenney, F. C., 41b.
Kenney, R., 33a.
Kent, H. L., IV, 60a.
Kent, I. E., 24b.
Keown, M. E., 80b.
Kercher, M. M., 24b.
Kern, F. D., 77b.
Kernkamp, H. C. H., 47b.
Kerns, W., 78b.
Kerr, A. P., 35b.
Kerr, W. J., 75a.
Kertesz, Z. I., 65a.
Ketchen, J., 82b.
Kettunen, A. G., 43a.
Keyes, C. G., 64a.
Kezer, A., 9a.
Kiah, T. H., 39a.
Kick, C. H., 71b.
Kidder, R. W., 15b.
Kienholz, A. R., 13b.
Kiesselbach, T. A., 53a.
Kightlinger, C. V., 39a.
Kik, M. C., 4b.
Kildare, A. A., 52b.
Kildee, H. H., 25a.
Killham, B. J., 44b.
Killiam, A., 38b.
Killough, D. T., 86b.
Kilpatrick, E. J., 33b.
Kilpatrick, S. L., 17b.
Kiltz, B. F., 73a.
Kiltz, K. W., 23b.
Kimball, R. H., 56a.
Kimbrough, W. D., 36a.
Kime, P. H., 66a.
Kimrey, A. C., 66b.
Kincaid, R. R., 15b.
King, A. C., 61a.
King, A. S., 75b.
King, B. M., 50b.
King, C., 36a.
King, C. M., 26a.
King, D. F., 1a.
King, F. G., 22b.
King, F. M. (Ill.), 21b.
King, F. M. (Minn.), 47a.
King, H. H., 30b.
King, R. T., 46b.
King, W. B., 26b.
King, W. H., 48a.
King, W. M., 15a.
Kinghorn, I. G., 10a.
Kingman, H. E., 11a.
Kinkaid, W., 49a.
Kinnard, J. R., 73a.
Kinney, E. J., 33a.
Kinney, L. F., Jr., 81b.
Kinnison, A. F., 4a.
Kinsey, W. H., 12b.
Kipps, M. S., 92a.
Kirby, R. S., 78a.
Kirk, J., 39a.
Kirk, M. J., 68a, 69b.
Kirkland, J. B., 85b.
Kirkland, K. L., 88a.
Kirkpatrick, E. L., 99b.
Kirkpatrick, H. A., 18b.
Kirkpatrick, M., 28b.
Kirkpatrick, W. W., 12b.
Kirkwood, W. P., 47b.
Kiser, O. M., 48b.
Kitchen, Mrs. H. B., 57a, 59a.
Kitselman, C. H., 32b.
Kitt, E. G., 28b.
Kittleson, A. J., 46b.
Kittredge, J., Jr., 8a.
Kivlin, V. E., 98b.
Klages, K. H., 84a.
Kleiber, M., 6a.
Klein, G. T., 41b.
Klemmedson, G. S., 10a.
Klemmedson, L. D., 3b.
Kline, E. R., 11b.
Kline, O. L., 98a.
Klotz, L. J., 9a.
Klutts, B. A., 82b.
Klutz, R. L., 66b.
Knandel, H. C., 79b.
Knapp, J. O., 96a, b.
Knappenberger, L. L., 12a.
Knaus, K., 24a.
Knaysi, G. A., 61b.
Kneen, E., 45a.
Knight, H. G., IV.
Knight, H. H., 29b.
Knight, H. L., II.
Knight, J. B., 48b.
Knight, L. M., 31b.
Knight, P., 38b.
Knoblauch, H. C., 81b.
Knoll, F. P., 78a.
Knoop, C. E., 72a.
Knott, J. C., 94b.
Knott, J. E., 64a.
Knowles, A. S., Jr., 81a.
Knowles, N. S., 28b.
Knowles, W. F., 57b.
Knowlton, F. L., 75a.
Knowlton, G. F., 90b.
Knowlton, H., 41a.
Knowlton, H. E., 96b.
Knox, G. W., Jr., 4b.
Knox, J. H., 87a.
Knudson, L., 61b.
Knutsen, M. H., 78a.
Koch, A., 70b.
Koehler, B., 20a.
Koenig, L. A., 87b.
Kohl, E. J., 23a.
Kohlmeyer, J. B., 24a.
Kohlmeyer, W., Jr., 25a.
Kohls, H. L., 43a.
Kokoski, F. J., 65a.
Kolb, J. H., 99b.
Koller, E. F., 46a.
Kollock, N., 3a.
Kolshorn, A. M., 76b.
Koon, R. M., 41a, b.
Koonce, D. W., 11b.
Kooser, H. L., 30b.
Kopland, D. V., 53b.
Kostalek, J. A., 19a.
Kostir, W. J., 71b.
Kramer, M. M., 32a.
Kramer, W. H., 72b.
Krantz, F. A., 47a.
Krauss, F. G., 18a.
Krauss, Mrs. M. S., 72a.
Krauss, W. E., 72a.
Kraybill, H. R., 23b, 25a.
Kremer, J. C., 44a.
Kreutzer, W. A., 10a.
Krewatch, A. V., 38b.
Kribs, D. A., 78a.
Krill, W. R., 71b.
Kriss, M., 77b.
Krone, P. R., 44a.
Kroodsma, R. F., 43b.
Krost, A. M., 47a.
Krueger, J., 99a.

Krueger, M. E., 8a.
Krueger, W. C., 58a.
Kruse, P. J., 62a.
Krusekopf, H. H., 51b.
Kucera, J. J., 65b.
Kuehn, J. F., 46b.
Kuehner, C. L., 99a.
Kuhlman, A. F., 21a.
Kuhlman, A. H., 73b.
Kuhlman, G. W., 75b.
Kulp, M. R., 19b.
Kulp, W. L., 11a.
Kumlien, W. F., 84b.
Kunerth, B. L., 32a.
Kunerth, W., 29a.
Kunkle, L. E., 69b.
Kuntz, P. Richardson, 80a.
Kuntz, W. A., 15b.
Kuschke, Mrs. B. M., 81b.
Kuska, J. B., 32b.
Kuykendall, R., 49b.
Kuzmeski, J. W., 40a.
Kyle, E. J., 86a, 88b.
Kyzer, E. D., 83b.

LaBossier, I. J., 58a.
Lacey, J. J., 97b.
LaCroix, M. M., 35b.
Lacy, E., 34a.
Lacy, I. O., 59b.
Ladd, C. E., IV, 61a.
Ladd, J. E., 81a.
Lagassé, F. S., 13b.
LaGrange, W. F., 25b.
Laidlaw, H. H., Jr., 35a.
Laidlow, Mrs. N. B., 42b.
Lalor, M., 10a.
La Master, J. P., 82a.
Lamb, C. A., 71a.
Lamb, L. W., 42a.
Lambert, W. V., 28a.
Lamerson, P. G., 31a.
Lamiman, J. F., 7b.
LaMont, T. E., 62a.
LaMotte, C., 87a.
Lampe, L., 69b.
Lampman, C. E., 20a.
Lancaster, F. W., 67a.
Lancelot, W. H., 27a.
Landauer, W., 12a.
Landin, H. M., 24b.
Landon, R. H., 47b.
Landrum, L. I., 82b.
Lane, C. B., 26b.
Lane, F. P., 100b.
Lang, A. L., 20a.
Lang, C. C., 70b.
Lang, C. P., 78b.
Lang, E. W., 57a.
Langdon, G. E., 99b.
Langford, G. S., 38b.
Langley, A., 16a.
Langley, B. C., 89b.
Langord, L. R., 99a.
Langston, J. M., 49b.
Lanier, K., 16b.
Lantow, J. L., 60a.
Lantz, E. M., 4b.
Lantz, H. L., 29a.
Lark-Horovitz, K., 25a.
Larkum, N. W., 44b.
Larsen, C., 83a.
Larsen, C. A., 95b.
Larsen, J. A., 29a.
Larson, A. H., 47b.
Larson, A. O., 76b.
Larson, E., 99b.
Larson, M., 47a.
Larson, Mrs. N. M., 27b.
Larson, R. A., 83a.
Larson, R. H., 99b.
LaRue, R. G., 8b.
Lascelles, H. R., 10a.
Lathrop, F. H., 37a.
Latimer, Mrs. H. H., 56a.
Latimer, L. P., 56b.
Latta, W. C., 24a.
Lattig, H. E., 19b.
Latzke, A. C., 31b.
Laubengayer, R. A., 61b.
Laude, H. H., 30a.
Lauderburn, D. E., 49a.
Lauman, G. N., 62a.
Laurie, A., 71a, 72b.
La Voi, D. H., 41b.
Lawrence, J. F., 54a.
Lawrence, W. E., 76a.
Lawritson, M. N., 54a.
Lawson, J. S., 66b.
Lawver, E. A., 10b.
Laycock, W. E., 44a.
Layton, D. V., 26a.
Layton, H. B., 82b.
Lea, G. F., 91a.
Leach, J. G., 47b.
Leach, L. D., 9a.
Leary, W. J., 84a.
Leasure, E. E., 32b.
Leaton, L. L., 54b.
Leavenworth, C. S., 13a.
Leavitt, H. I., 57a.
Lee, A., II, 81a.
Lee, A. M., 101a.
Lee, B. L., 52b.
Lee, C. D., 29b.
Lee, J. G., Jr., 34a.
Lee, J. L., 35a.
Lee, J. R. E., 15a.
Lee, L. L., 58b.
Lee, O. C., 23a.
Leeby, C., 69a.
Leer, W. E., 23a.
Leete, B. E., 72b.
Lefebvre, C. L., 30b.
Lefevers, A. P., 67b.
Lefforge, J. H., 22a.
Lefler, H. T., 67a.
Legett, E. E., 49a.
Lehenbauer, P. A., 55a.
Lehman, S. G., 66b.
Lehmann, E. W., 21b.
Leichsenring, J. M., 47a.
Leifson, S. W., 55b.
Leigh, M. J., 52b.
Leighton, Mrs. H. W., 56b.
Leighton, M. E., 91b.
Leighton, R., 45b.
Leinbach, F. H., 10a.
Leininger, E., 42a.
Leith, B. D., 97a.
Leith, T. S., 29b.
Leker, E. H., 30b.
Leland, A. W., 15b.
Leland, E. W., 61a.
Leland, H. A., 40b.
Leland, O. M., III, IV.
Leland, T. W., 87b.
LeMert, H. W., 48b.
Lenert, A. A., 88b.
L'Engle, L., 28b.
LeNoir, E., 35b.
Lent, M. N., 8a.
Lentz, J. B., 41b.
Leonard, N. B., 65a.
Leonard, W. H., 9a.
Leonian, L. H., 96a.
Leopold, A. S., 98a.
Lepley, M. C., 28b.
Lesley, J. W., 8a.
Leukel, W. A., 14b.
Leveck, H. H., 48a.
Levine, M., 26a.
Levine, M. N., 47b.
Lewin, K., 63b.
Lewis, A., 19b.
Lewis, C. A., 33b.
Lewis, E. B., 54a.
Lewis, E. M., IV, 56a.
Lewis, F. C., 23b.
Lewis, H. D., 7b.
Lewis, I. D., 83a.
Lewis, I. P., 72b.
Lewis, L. M., 77a.
Lewis, M., 43b.
Lewis, M. R., 75b.
Lewis, M. T., 79b.
Lewis, R. D., 69a.
Lewis, S. L., 55b.
Lewis, W. C., 42a.
Libby, A. C., 47b.
Lienhardt, H. F., 32b.
Lightfoot, C. C., 42a.
Ligon, L. L., 73a.
Lill, J. G., 43a.
Lilleland, O., 8b.
Lilly, J. H., 100a.
Lincoln, F. B., 39b.
Lindgren, D. L., 46b.
Lindgren, H. A., 75a.
Lindgren, L. F., 53b.
Lindquist, A. M., 93a.
Lindquist, H. G., 40a.
Lindsey, A. H., 40a.
Lindstrom, D. E., 22b.
Lindstrom, E. W., 28a.
Line, C. B., 2b.
Linfield, F. B., 52a.
Lininger, F. F., 78b.
Link, H. F., 33b.
Link, K. P., 98a.
Linn, J. W., 31a.
Linner, E. R., 45b.
Linsley, C. M., 20a.
Linton, R. S., 42b.
Lipman, C. B., 9b.
Lipman, J. G., III, 57a, 59a.
Lipp, C. C., 84b.
Lippincott, W. L., 82a.
Lipscomb, J. N., 48b.
Lisse, M. W., 78a.
List, G. M., 10b.
Liston, M. I., 91b.
Little, E. H., 56b.
Little, V. A., 88a.
Littlehale, A. D., 56a.
Litton, K. E., 92a.
Lively, C. E., 70a, 72a.
Livermore, J. R., 64a.
Livesay, E. A., 96a.
Livingston, R. J., 91a.
Lloyd, J. W., 21b, 22b.
Lloyd, O. G., 24a.
Lobdell, R. N., 15b.
Lobenstein, H. L., 32a.
Locke, R. B., 10a.
Lockett, J. L., 93a.
Lockwood, W. P. B., 40a.
Loeffel, W. J., 53b.
Loftus, J. B., 3b.
Logan, C. A., 31a.
Logan, L. E., 33b.
Logsdon, C. S., 42b.
Lohman, A. W., 91a.
Lommel, W. E., 24b.
Long, H. F., 26b.
Long, J. D., 7b.
Long, L. E., 48b.
Longenecker, G. W., 99a.
Longley, L. E., 47a.
Longmire, F. E., 21b.
Longsdorf, L. L., 32a.
Longwell, J. H., 96a.
Longyear, B. O., 10b.
Lonsdale, J. T., 88a.
Loomis, W. E., 26a.
López Dominguez, F. A., 80a.
Lord, G. E., 37a.
Loreaux, R. H., 46a.
Loree, R. E., 44a.
Loring, F. P., 37b.
Loring, L. B., 88b.
Lory, C. A., III, 9a.
Lott, R. V., 49a.
Loucks, K. W., 15a.
Lough, S. A., 55a.
Love, A. B., 42b.
Love, H. H., 64a.
Love, L. A., 2b.
Love, M. G., 42b.
Lovejoy, D. B., 36b.
Lovelace, F. E., 65a.
Loveland, E. H., 91a.
Lovett, H. C., 34b.
Lowder, E. L., 1a.
Lowe, B., 28b.
Lowe, Mrs. D. F., 68a.
Lowe, E. A., 16a, 17b.
Lowe, J. T., 98a.
Lowe, P. M., 46a.
Lowenberg, M. E., 28b.
Lowery, J. C., 1a.
Lowry, S. J., 34b.
Lowry, W. J., 41a.
Loy, H. W., Jr., 30b.
Lubbehusen, R. E., 9b.
Lucas, J. B., 92a.
Lucas, P. S., 42a.
Luce, M. E., 91b.
Luckett, J. D., 65b.
Lukin, V. E., 100b.
Lumb, J. W., 32b.
Lund, A. S. T., 18a.
Lundberg, M. G., 12b.
Lunde, R. N., 76a.
Lundin, P. G., 43a.
Lundy, G., 84a.
Lunn, A. G., 75a.
Lunn, W. M., 83b.
Lunt, H. A., 13b.
Lush, J. L., 25a.
Lush, R. H., 35a.
Lute, A. M., 10a.
Luther, E. L., 98b.
Lutman, Mrs. A. S., 91a.
Lutman, B. F., 91a.
Lutz, J. F., 66a.
Lux, E., 54a.
Lyle, C., 49b.
Lyle, M. S., 28b.
Lyman, J. F., 70a.
Lynde, Mrs. L. A., 43b.
Lyness, H. A., 32a.
Lyness, W. E., 53a.
Lynott, Mrs. M. L., 4a.
Lyon, T. L., 61a.
Lytle, F. L., 74a.

MacCreary, D., 13a.
MacDaniels, L. H., 64a.
MacDonald, G. B., 29a.
Macdonald, L., 12b.
MacDonald, P., 13b.
Macfarlane, J., 56b.
MacGillivray, J. H., 24b.
Machmer, W. L., 39a.
MacIntire, W. H., 85a.
Mack, G. L., 65a.
Mack, M. E., 55a.
Mack, M. J., 40a.
Mack, W. B., 79b.
Mackay, B. B., 35b.
MacKenzie, P. C., 77b.
Mackey, A. K., 87a.
Mackie, W. W., 6a.
Mackimmie, A. A., 40a.
Mackintosh, D. L., 30a.
Mackintosh, R. S., 47b.
Maclachlan, J. M., 66b.
MacLennan, R. F., 95b.
MacLeod, F. L., 86a.
MacLeod, G. F., 62b.
MacMasters, M. M., 40a.
Macy, H., 45b.
Maddox, D., 17b.
Mader, E. O., 64b.
Madigan, G. F., 37b.
Madison, L. C., 77b.
Madsen, D. E., 90b.
Madson, B. A., 6a.
Maeser, S., 90a.
Maevers, Mrs. H., 46a.
Magee, A. C., 87b.
Magee, R. B., 49a.
Magill, E. C., 92b.
Magill, W. W., 34a.

Magnuson, H. P., 19a.
Maguire, B., 90a.
Mahan, C. A., 33b.
Mahan, W., 72b.
Mahoney, C. H., 44a.
Maier, D., 60b.
Mail, G. A., 52b.
Mairs, T. I., 78b.
Major, H. F., 51a.
Malik, L. A., 72b.
Mallmann, W. L., 44b.
Mallon, M. G., 24b.
Mallory, W. T., 49b.
Malmsten, H. E., 8a.
Malone, C. C., 27a.
Malone, R. E., 74a.
Manchester, A. W., 12a.
Maneval, W. E., 50a.
Maney, T. J., 29b.
Mangels, C. E., 68b.
Mangelsdorf, P. C., 87a.
Manhart, V. C., 23b.
Mann, A. I., 11b.
Mann, A. R., III, IV, 61a.
Mann, H. B., 66a.
Manning, F. E., 78b.
Manning, H., 99a.
Manns, T. F., 13b.
Manson, P. W., 46a.
Manter, J. A., 12b.
Manuel, R., 11b.
Mapes, R. A., 55b.
Marble, D. R., 79b.
Marbut, C. F., 51b.
Marckworth, G. D., 16b.
Marcovitch, S., 85b.
Margolf, P. H., 79b.
Maris, P. V., 75a.
Markey, F., 62b.
Markin, F. L., 37b.
Markley, M. C., 45b.
Marks, M. E., 101b.
Markuson, M. J., 40b.
Marlatt, A. L., 99a.
Marlatt, L. H., 16a.
Marquardt, J. C., 65b.
Marsden, S. J., 53b.
Marsh, H., 53a.
Marsh, Mrs. J. L., 97b.
Marsh, R. S., 22b.
Marshall, G. E., 23b.
Marshall, H. C., 93b.
Marshall, J., 95b.
Marshall, L. A., 39b.
Marshall, R. E., 44a.
Marsteller, R. P., 88b.
Marston, A. R., 43a.
Marston, B. W., 100b.
Marston, H. W., II.
Marston, L. C., Jr., 85b.
Martell, E. R., 79a.
Martin, A. W., 19a.
Martin, C. L., 57a.
Martin, E., 4b.
Martin, E. C., 88a.
Martin, F. D., 23b.
Martin, G. C., 72b.
Martin, G. E., 50b.
Martin, J. C., 6b.
Martin, J. F., 77b.
Martin, Jas. H., 34b.
Martin, Jos. H., 33a.
Martin, J. N., 26a.
Martin, M. E. (Ala.), 2b.
Martin, M. E. (Ind.), 24b.
Martin, O. B., III, 86a.
Martin, S. F., 101b.
Martin, T. T., 50b.
Martin, V. G., 48b.
Martin, W. E., 23a.
Martin, W. H. (Kans.), 31a.
Martin, W. H. (N. J.), 58b, 59b.
Martin, W. P., 32a.
Martin, W. R., Jr., 51a.
Marvin, K. R., 29a.
Mason, C. J., 11a.
Mason, E. L., 12a.
Mason, I. C., 36b.
Mason, O'N., 42a.
Massey, A. B., 92a.
Massey, E. E., 49a.
Massey, L. M., 64b.
Massey, W. C., 48b.
Massey, Z. A., 17a.
Masten, M. A., 24a.
Matheson, R., 62b.
Mathews, F. P., 88b.
Mathews, H. B., 84b.
Mathews, R., 34b.
Mathews, S., 16b.
Mathis, W. T., 12a.
Matlock, R. L., 3a.
Matson, H. O., 33b.
Mattei, E., 80b.
Matthews, E. M., 93b.
Matthews, M. L., 22a, 24b.
Maupin, C. J., 67b.
Maxton, J. L., 92b.
Maxwell, D., 48a.
Maxwell, U. S., 52b.
May, C. O., 43b.
May, E. C., 89a.
Maycock, Mrs. R. B., 90a.
Mayer, I. D., 23b.
Mayer, L. S., 85a.
Mayer, W. L., 67a.
Mayes, E., 16b.
Mayfield, Mrs. H. L., 52b.
Mayhew, C. H. K., 13b.
Mayhew, R. L., 36a.
Mayhew, T. C., 7b.
Maynard, E. J., 89a, b.
Maynard, L. A., 61a.
Mayo, T. F., 88b.
Mayoue, G. C., 68a.
Mayton, E. L., 1a.
McAdory, I. S., 2b.
McAllep, W. R., 18a.
McAlpine, M. I., 16b.
McArthur, L. J., 84b.
McBirney, S. W., 7b.
McBride, C. G., 70a, 72a.
McBryde, Mrs. M. C., 93a.
McCall, L. J., 89a.
McCall, R. E., 94a.
McCall, T. M., 48b.
McCammon, R. B., 10b.
McCampbell, C. W., 30a.
McCampbell, S. C., 10b.
McCan, J. C., 57b, 59a.
McCann, L. P., 69b.
McCarty, M. A., 77b.
McCaul, B. V., 68b.
McCauley, Mrs. A. T., 81b.
McCay, C. M., 61a.
McClarren, H., 70a.
McClelland, C. K., 4a.
McClelland, J. H., 10a.
McCleskey, C. S., 26a.
McClintock, J. A., 24b.
McClintock, J. E., 71a.
McClure, F. J., 78a.
McClure, G. M., 69a, 71a.
McClure, J. T., 71a.
McCollum, J. P., 22b.
McColly, H. F., 68b.
McComb, A. L., 29a.
McComb, H. A., 55b.
McConnell, H. S., 38b.
McCord, C. E., 2a.
McCord, J. L. E., 78b, 80a.
McCordic, Mrs. M. P., 99a.
McCormack, R. B., 64b.
McCormick, F. A., 13a.
McCormick, T. C., 5a.
McCown, M., 24b.
McCoy, E. F., 98a.
McCoy, M. J., 58a.
McCracken, C. C., III, 11a.
McCracken, E. C., 29a.
McCrary, C. M., 45b.
McCreary, O. C., 100b.
McCrory, B. R., 11b.
McCubbin, E. N., 96b.
McCue, C. A., 13a.
McCuen, G. W., 70a, 72a.
McCurdy, J. C., 62b.
McCurdy, M. J., 39a.
McDaniel, E. I., 42b.
McDavid, R., 15a.
McDole, G. R., 19a.
McDonald, C. W., 25b.
McDonald, M., 27b.
McDonel, K. H., 43a.
McDonnell, A. D., 13a.
McDonnell, H. B., 38b.
McDougle, H. C., 51b.
McDowell, C. H., 89a.
McDowell, M. C., 79a.
McDowell, Mrs. M. F., 58a.
McDowell, M. S., 77a.
McDowell, Mrs. M. S., 79a.
McElmurry, L., 32a.
McElroy, C. H., 73a.
McFarland, Mrs. F. M., 39a.
McFarland, M. G., 24b.
McFee, N. B., 86a.
McGee, H. A., 82a.
McGee, R., 16b.
McGee, W. C., 49b.
McGeorge, W. T., 3a.
McGilliard, P. C., 73b.
McGinnies, W. G., 3a, 4b.
McGinnis, N. M., 88b.
McGinty, R. A., 82a.
McGowan, L. E., 74b.
McGrath, C. B., 53b.
McGrew, P. C., 95b.
McHargue, J. S., 33b.
McHatton, T. H., 16a, 17a.
McIlrath, E., 28b.
McIlroy, Mrs. C. B., 63b.
McIlvaine, T. C., 96a, 97b.
McInnis, Z., 88b.
McIntire, H. R., 41a.
McIntosh, C. J., 77a.
McIntosh, D. C., 74a.
McIntyre, A. C., 79a.
McIntyre, C. L., 2b.
McKay, H., 70b, 72b.
McKay, H. M., 49a.
McKay, K. G., 9b.
McKee, C., 52a.
McKee, J. C., 48a.
McKee, M. A., 22a.
McKeithen, T. B., 16b.
McKellip, I., 69b.
McKenney, G. J., 34a.
McKenzie, F. F., 50a.
McKenzie, H. L., 7b.
McKibben, E. G., 27b.
McKibben, H., 28b.
McKimmon, Mrs. J. S., 67a.
McKinley, B., 14b.
McKinley, Mrs. H. V., 13b.
McKittrick, E. J., 100b.
McLanahan, F. A., 17a.
McLaughlin, F. A., 40a.
McLaughlin, Mrs. H. F. 56b.
McLaughlin, J. B., 72b.
McLaughlin, J. C., 49a.
McLaughlin, R. P., 90b.
McLean, H. C., 58b, 59b.
McLean, N. A., 49b.
McLeod, J. H., 85b.
McLeod, W. M., 32b.
McMillan, E. M., 32a.
McMillan, M. F., 15b.
McMillan, S. A., 87b.
McMillen, J. A., 36b.
McMiller, P. R., 47b.
McMunn, R. L., 22b.
McNall, P. E., 98a.
McNaughton, E. B., 39a
McNeal, C. D., 31a.
McNeal, W. B., III, 46b.
McNeel, W., 98b.
McNelly, C. L., 46b.
McNess, G. T., 87a.
McNew, G. L., 26a.
McNulty, J. B., 46a.
McNutt, S. H., 29b.
McPheeters, M., 39a.
McPheeters, M. R., 74b.
McPheters, W. H., 74a.
McSpadden, B. J., 85a.
McTeer, F. D., 86b.
McVey, F. L., III, 33a.
McWhorter, C. C., 73b.
McWhorter, F. P., 76a.
McWhorter, O. T., 75b.
Meacham, F. B., 67b.
Mead, S. W., 6a.
Meade, D., 38a.
Meader, A. L., 34b.
Meahl, R. P., 79b.
Meal, W. G., 57b.
Means, R. H., 48a.
Meares, J. S., 67a.
Mears, H. M., 93b.
Mecartney, J. L., 79b.
Medina, V., 80a.
Medlar, A. W., 54a.
Medlock, O. C., 2a.
Medsker, S. L., 43b.
Meek, H. B., 63a.
Meek, Mrs. L. F., 63b.
Meeker, D., 50b.
Megee, C. R., 43a.
Mehaffey, E. E., 57b.
Mehl, M. G., 51a.
Mehrhof, N. R., 15b.
Meier, H. R., 26b.
Meints, V. C., 69a.
Melchers, L. E., 30b.
Meldrum, H. R., 28a.
Melhus, I. E., 26a.
Mellon, M. G., 23b.
Meloche, G. L., 99a.
Mendel, L. B., 13a.
Mendenhall, Mrs. D. R., 99a.
Mendez, F., 80b.
Menefee, E. R., 25a.
Menville, R. L., 35a.
Menzel, R. E., 26b.
Mercer, H. F., 74a.
Merchant, C. H., 37a.
Merchant, I. A., 29b.
Mercier, W. B., 34a.
Merkle, F. G., 77a.
Merriam, O. A., 41a.
Merrifield, M., 74b.
Merrill, A. R., 11b.
Merrill, J. F., 30b.
Merrill, J. W., 27b.
Merrill, W. E., 87b.
Merritt, M. I., 57b.
Meske, A. E., 59a.
Messenger, V., 74b.
Metcalf, W., 8a.
Metcalf, Z. P., 66a, 67b.
Methley, W., 47b.
Metzger, C. H., 10b.
Metzger, E. J., 54b.
Metzger, H. J., 61a.
Metzger, J. E., 37a.
Metzger, W. H., 30a.
Meulen, P. A. van der, 57a.
Meyer, Mrs. A. H., 36b.

Meyer, B. S., 69b.
Meyer, Mrs. C. R., 22a.
Meyer, D. B., 44b.
Michael, R. D., 92b.
Michael, V. M., 21a.
Michaelian, M. B., 26b.
Michels, C. A., 19a.
Mickel, C. E., 46b.
Mickey, A. B., 101a.
Middaugh, W. S., 12a.
Middlebush, F. A., 50a.
Middleton, A. R., 23a.
Middleton, E. B., 87b.
Middleton, G. K., 66a.
Midgley, A. R., 91a.
Midkiff, O., 49a.
Mighell, A. T., 27a.
Mighell, R. L., 40b.
Milam, A. B., 76b.
Milby, T. T., 25b.
Miles, G. A., 12b.
Miles, H., 73b.
Miles, L. E., 48a.
Miles, S. R., 22a.
Millar, C. E., 44b.
Miller, C. B., 27a, 28a.
Miller, C. D., 18b.
Miller, C. E., 68b.
Miller, C. G., 43b.
Miller, C. W., 44a.
Miller, D. F., 71b.
Miller, E., 90b.
Miller, E. A., 87a.
Miller, E. C., 30b.
Miller, E. J., 42a.
Miller, E. L., 36a.
Miller, F. E., 67b.
Miller, G. W., 70a.
Miller, H., 19b.
Miller, H. I., 54a.
Miller, J. A. (Ohio), 71b.
Miller, J. A. (Okla.), 74b.
Miller, J. C. (La.), 35b.
Miller, J. C. (N. J.), 59b.
Miller, J. H., 17b.
Miller, J. I., 61a.
Miller, J. N., 71b.
Miller, J. T., 66a.
Miller, L. B., 20b.
Miller, L. R., 55a.
Miller, M. A., 57b.
Miller, M. F., 51b.
Miller, M. M., 47a.
Miller, M. R., 55a.
Miller, M. W., 95b.
Miller, P. A., 9a.
Miller, P. E., 48b.
Miller, P. R., 91a.
Miller, P. T., 100a.
Miller, P. W., 76a.
Miller, R. C. (Ky.), 33a.
Miller, R. C. (Ohio), 70a, 72a.
Miller, R. C. (Pa.), 78a.
Miller, R. D., 29a.
Miller, R. F., 6a.
Miller, R. H., 52a.
Miller, R. N., 94b.
Miller, W. L., 84a.
Mills, E. M., 40b.
Mills, M. E., 56a.
Mills, P. J., 35a.
Mills, W. D., 64b.
Mills, W. H., 82b.
Mills, W. O., 25b.
Millsap, H. H., 76a.
Milton, R. H., 85a.
Milward, J. G., 99a.
Mimms, O. L., 52b.
Mims, J. B., 88b.
Mims, M., 35a.
Miner, G. I., 40a.
Minium, L. W., 84a.
Minns, L. A., 64a.
Minor, W. A., Jr., 16a.
Minteer, C. C., 54a.
Misner, E. G., 62a.
Mitchell, D. R., 98a.
Mitchell, E. A., 25a.
Mitchell, F. E., 17b.
Mitchell, F. T., 42b.
Mitchell, G. A., 77b.
Mitchell, H. H., 21a.
Mitchell, H. S., 40b.
Mitchell, J. H., 82a.
Mitchell, J. W., 68a.
Mitchell, L. B., 86a.
Mitchell, T. B., 67b.
Mitchell, W. H., Jr., 58b.
Mixson, C., 88b.
Miyake, I., 18b.
Mize, Mrs. L. R., 16a.
Moe, L. H., 73a.
Moen, J., 90b.
Moffett, H. C., 50a.
Moffitt, E. L., 78b.
Moffitt, H. P., 73b.
Mogford, J. S., 87a.
Molenaar, A., 54a.
Moles, H. S., 35a.
Molinary Sales, E., 80b.
Mollette, L. S., 18a.
Monclova, H. Cruz, 80a.
Monin, J. D., Jr., 50b.
Monosmith, R. O., 74b.
Monroe, C. F., 72a.
Monroe, C. W., 57b.
Monroe, D., 63b.
Monroe, M., 100b.
Monroe, M. M., 37b.
Monroe, Z., 33b.
Monsch, H., 63a.
Monson, O. W., 52b.
Montgomery, B. E., 24a.
Montgomery, C. A., 92b.
Montgomery, G., 31a.
Monzón, L. C., 80b.
Mooers, C. A., 85a.
Moomaw, L., 69b.
Moon, Mrs. P. C., 17a.
Moore, A. V., 23b.
Moore, C. B., 62b.
Moore, D. M., 5b.
Moore, Mrs. E. M., 70b.
Moore, F. E., 69b.
Moore, G. A., 74a.
Moore, H. C. (Mich.), 43a.
Moore, H. C. (N. H.), 56a.
Moore, H. L., 92a.
Moore, H. R., 70a, 72a.
Moore, J. C., 75b.
Moore, J. D., 1b.
Moore, J. G., 99a.
Moore, J. H., 66a.
Moore, J. M., 44a.
Moore, J. S., 48a.
Moore, L. A., 42a.
Moore, L. G., 74b.
Moore, Mrs. L. J. B., 97b.
Moore, L. W., 93a.
Moore, M. B., 47b.
Moore, P., 20b.
Moore, P. A. (Iowa), 26b.
Moore, P. A. (Tex.), 88a.
Moore, P. J., 97b.
Moore, R. A., 97a.
Moore, R. C., 93a.
Moore, V. P., 15a.
Moore, W. D., 83b.
Moorhouse, L. A., 10a.
Mooring, D. C., 74b.
Moran, C., 57a.
Mordoff, R. A., 61a.
Morehouse, M. C., 63b.
Moreland, C. C., 35b.
Moreland, C. F., 35a.
Moreland, E., 85b.
Moreland, R. W., 88a.
Moreland, W. S., 57b.
Morey, Mrs. N. B., 63b.
Morgan, Mrs. A. F., 8a.
Morgan, B., 27a.
Morgan, C. L., 83a.
Morgan, E. L., 51b.
Morgan, G. W., 53b.
Morgan, H. A., 85a.
Morgan, M. F., 13b.
Morgan, N. D., 29a.
Morgan, O. K., 49b.
Morgan, R. F., 54a.
Morin, G. E., 63a.
Morison, F. L., 70a, 72a.
Morley, Mrs. R. D., 41a.
Morofsky, W. F., 43a.
Morrill, C. C., 44b.
Morrill, W. J., 10b.
Morris, A. J., 90a.
Morris, E. M., 42b.
Morris, F. B., 63a.
Morris, H. E., 52a.
Morris, H. F., 89a.
Morris, L., 74b.
Morris, M. 32a.
Morris, M. S., 10a.
Morris, N. A., 29a.
Morris, O. M., 95a.
Morris, V. H., 71a.
Morris, W. E., 45a.
Morrish, R. H., 43a.
Morrison, E., 44a.
Morrison, F. B., 61a.
Morrison, H. B., Jr., 33a.
Morrison, J. E., 10b.
Morrison, P. C., 43b.
Morrison, S. E., 44a.
Morrow, E. B., 67a.
Morrow, K. S., 56a.
Morrow, W. B., 60a.
Morse, A. P., 86a.
Morse, F. W., 40a.
Morse, M., 40b.
Morse, R. W., 75a.
Morse, W. C., 49a.
Mortensen, E., 89b.
Mortensen, M., 26b.
Mortenson, Mrs. L. S., 98b, 99a.
Mortenson, W. P., 98b.
Morton, C., 63a.
Morton, F. E., 79a.
Morton, G. E., 9b.
Morton, G. M., 54b.
Moser, A. M., 83a.
Moser, R. E., 40b.
Moses, B. D., 7b.
Mosher, M. L., 21b.
Moss, A. E., 12a.
Moss, E. G., 67b.
Moss, J. R., 82b.
Moss, W. A., 20b.
Most, B. R., 10b.
Mote, D. C., 76a.
Moton, J. B., 3a.
Moton, R. R., 2a.
Motts, G. N., 42b.
Moulthrop, I. M., 38a.
Mount, M. M., III, 37a.
Mowry, H., 14b.
Moxley, H. F., 41b.
Moxley, J. J., 30a.
Moxon, A. L., 84a.
Muckle, L. A., 63a.
Mucks, A. M., 97b.
Mudge, C. S., 6b.
Mueller, W. S., 40a.
Muenscher, W. C., 61b.
Muerman, J. C., 74a.
Mugglestone, H. B., 9b.
Muldrow, M. W., 4b.
Mulford, W., 8a.
Mullen, L. A., 19a.
Mulvey, R. R., 22a.
Mumford, C. W., 13a.
Mumford, E, 44a.
Mumford, F. B., III, IV, 50a.
Mumford, H. W., III, IV, 20a.
Mumm, W. J., 20b.
Mummery, D. V., 56a.
Muncie, J. H., 42a.
Mundinger, F. G., 65b.
Munger, S. C., 22a.
Munn, M. T., 65a.
Munnerlyn, W. F., 87a.
Munoz, R., 80a.
Munro, J. A., 68b.
Munsell, R. I., 11a.
Munson, W. A., III, 39a.
Murata, K. 18a.
Murchie, R. W., 46a.
Murdock, H. E., 52b.
Murneek, A. E., 51a.
Murphey, F. T., 79a.
Murphey, M. B., 58a.
Murphy, E. F., 36b.
Murphy, E. L., 39a.
Murphy, H. C., 26a.
Murphy, H. F., 73a.
Murphy, M. M., 17b.
Murphy, R. R., 79b.
Murray, A. M., 68b.
Murray, C., 29b.
Murray, D., 68b.
Murray, D. P., 90a.
Murray, J. H., 74a.
Murray, S. T., 74a.
Murray, T. B., 19b.
Murray, T. J. 57a.
Murray, W. G., 27a.
Musbach, F. L., 99b, 100b.
Muse, M., 91b.
Musgrave, M. R., 37b.
Mussehl, F. E., 55a.
Musselman, H. H., 42b.
Musser, A. M., 83a.
Musser, H. B., 77a.
Muth, O. H., 75a.
Myer, D. S., 70b.
Myers, C. E., 79b.
Myers, C. H., 64a.
Myers, H. E., 30a.
Myers, W. I., 62a.
Myers, W. M., 45a.
Mynard, F. H., 21b.
Myrland, R. H., 99a.

Nabours, R. K., 32b.
Naftel, J. A., 1a.
Nageotte, J. C., 78a.
Nagle, J. P., 94b.
Nakamura, F. I., 21a.
Nance, R. E., 66b.
Nash, C. L., 42b.
Nason, E., 37a.
Naumann, H. A., 24b.
Naylor, E. E., 50a.
Naylor, N. M., 26b.
Neal, Mrs. E. J., 99a.
Neal, J. H., 46a.
Neal, N. P., 97a, 99a, b.
Neal, W. M., 14a.
Neale, J. R., 100a.
Neale, M. G., 19a.
Neale, P. E., 60a.
Neasham, E. W., 35a.
Nebel, B. R., 65b.
Needham, J. G., 62b.
Neel, L. R., 86b.
Neely, J., 83a.
Neff, C. T., Jr., 97b.
Negaard, O. A., 84a.
Neidert, M. A., 43b.
Neilson, J. A., 44a.
Neiswander, C. R., 72a.
Neiswander, R. B., 72a.
Neller, J. R., 15b.
Nelson, A., 100a.
Nelson, A. H., 44a.
Nelson, A. L., 101b.
Nelson, C. I., 68a.
Nelson, D. H., 6b.
Nelson, J. A., 52a.
Nelson, J. R., 59b.
Nelson, J. W., 45b.
Nelson, M., 4a.
Nelson, M. B., 54b.
Nelson, M. N., 75a.
Nelson, O. M., 75a.

Nelson, P., 93b.
Nelson, P. M., 28a.
Nelson, R., 42a.
Nelson, R. E., 23b.
Nelson, T. C., 58b, 59b.
Nelson, V. E., 26b.
Nelson, W. W., 48a.
Nesbitt, L. L., 68b.
Nesbitt, N., 96b.
Nesom, G. H., 47b.
Ness, H., 29b.
Ness, Mrs. H., 28b.
Netterville, R. F., 36b.
Nettles, W. C., 83b.
Nettles, W. T., 15a.
Neubauer, L. W., 46a.
Neumann, P. F., 42a.
Nevens, W. B., 21a.
Nevin, Mrs. E. D., 63b.
Nevin, F. R., 62b.
Newberg, Mrs. A. L., 43b.
Newbill, A. B., 95a.
Newcomb, H., 10a.
Newcomb, M. A., 30b.
Newell, P. F., 48a.
Newell, W., 14a.
Newhall, A. G., 64b.
Newhall, R., 15b.
Newins, H. S., 43b.
Newlander, J. A., 91a.
Newlon, J. B., 40b.
Newlon, W. E., 9b.
Newman, C. C., 83a.
Newman, G. B., 79b.
Newsom, I. E., 11a.
Newton, C., 17a.
Newton, H. D., 11b.
Newton, J. H., 10b.
Newton, J. O., 46b.
Newton, R. F., 23b.
Nichol, A. A., 4b.
Nicholas, J. E., 78b.
Nicholls, W. D., 33b.
Nichols, H. E., 29a.
Nichols, H. S., 85b.
Nichols, M. L., 1b.
Nichols, N. N., 93b.
Nichols, R. A., 93b.
Nicholson, J. F., 50b.
Nickell, P., 22a.
Nickolls, C. L., 73b.
Niesley, H. G., 78b.
Nightingale, G. T., 58a, 59b.
Niles, K. B., 47a.
Nisbet, J. C., 97b.
Nisbet, W. R., 87b.
Nisonger, H. W., 69a.
Nissley, C. H., 58a.
Nissley, W. B., 79b.
Niswonger, H. R., 67a.
Nix, A. R., 83a.
Nixon, E. L., 78a.
Noble, C. V., 14b.
Noble, D. E., 12b.
Noble, E. C., 55a.
Nodine, E. H., 40b.
Noer, R. D., 96b.
Nofsker, Mrs. J. F., 99a.
Nolan, A. W., 21b.
Nolan, L. S., 13a.
Nolan, O. L., 12b.
Noland, T. W., 51a.
Nolen, R. E., 15a.
Noll, C. F., 77a.
Norcross, H. C., 91a.
Nordby, J. E., 19a.
Norris, E. B., IV.
Norris, E. M., 34a.
Norris, L. C., 64b.
North, H. F. A., 81b.
North, M. O., 100a.
Norton, E. A., 20b.
Norton, J. B. S., 38a.
Norton, J. E., 53b.
Norton, L. J., 21b.
Norton, W. J., 8a.
Nuckolls, W. J., Jr., 92b.
Nulton, W. M., 57b.
Nutt, G. B., 82a.
Nutter, J. W., 33a.
Nutting, A. D., 37b.
Nutty, L. T., 27b.
Nye, C., 76b.
Nylin, V. E., 46a.
Nystrom, P. E., 38b.

Obenour, H., 72b.
Obenshain, S. S., 92a.
Oberlin, R. W., 50b.
O'Brien, H. R., 71a.
O'Bryan, E., 28a.
O'Byrne, J. W., 92b.
Ockey, W. C., 7a.
Oderkirk, G. C., 24a.
Odland, T. E., 81b.
Odom, H., 2b.
O'Donnell, M., 41a.
Oertel, E., 36b.
Ogden, H. P., 85a.
Ogden, W. B., 99a.
Ogier, T. L., 87b.
Ogle, L. C., 70b.
Ogle, O., 86b.
Ogle, R. C., 64b.
Oglesby, W. T., 35a.
Ohlson, M., 43b.
O'Kane, W. C., 56b.
O'Kelly, J. F., 48a.
Okey, R. E., 8a.
Oldenburg, F. W., 37b.
Oleson, G. O., 40b.
Oliver, A. W., 75a.
Oliver, J. G., 16b.
Olmo, H. P., 9a.
Olmstead, R. H., 78a.
Olney, A. J., 34a.
Olney, J. F., 53b.
Olney, M., 58a.
Olney, R. A., 97a.
O'Loughlin, M. A., 60b.
Olson, Mrs. B., 97b.
Olson, H. C., 26b.
Olson, O., 77a.
Olson, P. J., 68a.
Olson, T. M., 84a.
O'Neal, C. E., 49b.
O'Neale, L. M., 8a.
Onsdorff, T., 75b.
O'Roke, G. W., 100b.
Orr, A. E., 94b.
Orr, D. M., 74a.
Orr, H. W., 73a.
Orr, L. W., 46b.
Orrben, C. L., 28a.
Orton, C. R., 96a.
Osborn, E. B., 53b.
Osborn, G. A., 59b, 60a.
Osborn H., 71b, 72a.
Osborn, J. L., 77a.
Osborn, L. W., 73a.
Osburn, R. C., 71b.
Osgood, B. E., 37b.
Osgood, M. E., 57a, 59b.
O'Shea, H. E., 24b.
Oskamp, J., 64a.
Osland, H. B., 10a.
Osmun, A. V., 39b.
Osterberger, B. A., 36b.
Ostergaard, J. M., 18b.
Oswald, E. I., 38b.
Otero, J. I., 80b.
Otis, J. R., 3a.
Outhouse, J. P., 22a.
Overholser, E. L., 95a.
Overholt, V. L., 70a, 72a.
Overholts, L. O., 78a.
Overley, F. L., 95a.
Overman, O. R., 21a.
Overpeck, J. C., 60a.
Oveson, M. M., 77b.
Oviatt, C. R., 43a.
Owen, C. R., 48a.
Owen, W. B., 101a.
Owen, W. L., Jr., 88a.
Owens, A. E., 93a.
Owens, C. E., 76a.
Owens, G. W., 93b.
Owens, J. S., 11a.
Owens, W. W., 90a.
Oyler, M. D., 33b.

Packard, R. C., 39b.
Packer, L. F., 62b.
Paddock, F. B., 29b.
Paddock, W., 70b.
Paden, W. R., 82a.
Padgett, I., 79a.
Page, Mrs. E. C., 41a.
Pahau, R. K., 18b.
Paine, L. S., 87b.
Painter, F. A., 20a.
Painter, R. H., 31a.
Palm, C. E., 62b.
Palmer, B. M., 96b.
Palmer, C. C., 13a.
Palmer, E. L., 62b.
Palmer, H. S. (Del.), 13a.
Palmer, H. S. (Hawaii), 18b.
Palmer, K. M., 13b.
Palmer, L. O., 48b.
Palmer, L. S., 45b.
Palmer, M. A., 10b.
Palmer, P. F., 24b.
Palmer, R. H., 52b.
Palmer, W. C., 68b.
Palmer, W. H., 70b.
Palmquist, E. M., 61b.
Parfitt, E. H., 23b.
Parham, S. A., 17b.
Parizek, E. G., 69a.
Park, J. B., 69a, 71a.
Park, M. A., 54b.
Park, O. W., 29b.
Parker, E. R., 8b.
Parker, J. H., 30a.
Parker, K. G., 64b.
Parker, K. W., 60a.
Parker, M. F., 57a.
Parker, M. M., 93b.
Parker, M. W., 38a.
Parker, R. L., 31b.
Parker, S. R., 40b.
Parkin, I. E., 78a.
Parkinson, H. G., 78b, 80a.
Parkinson, L. R., 40a.
Parks, H. B., 88a.
Parks, T. H., 71b.
Parmenter, R. B., 40b.
Parrish, C. F., 67b.
Parrott, E. M., 40a.
Parrott, P. J., 65b.
Parshall, C. J., 9b.
Parshall, R. L., 10b.
Parsons, C. H., 39b.
Parsons, D. W., 97a.
Parsons, E. H., 59a.
Parsons, H. T., 99a.
Partch, L. A., 24b.
Parten, H. L., 46b.
Partridge, N. L., 44a.
Patch, A. J., 44a.
Patch, E. M., 37a.
Patch, G., Jr., 42b.
Patch, R. H., 12b.
Pate, V. S. L., 62b.
Paton, R. R., 72b.
Patrick, A. L., 77a.
Patrick, C. S., 83b.
Patterson, F. D. (Ala. P. I.), 2b.
Patterson, F. D. (Tuskegee Institute), 2a.
Patterson, H. I., 42b.
Patterson, H. J., 37a.
Patterson, K., 22a.
Patterson, M. F., 8a.
Patterson, T. M., 48b.
Pattison, F., 31a.
Patton, A. R., 45b.
Patton, C. A., 71a.
Patton, H. S., 42b.
Patton, Mrs. M. B., 72b.
Patton, S. T., 99a.
Patty, R. L., 84a.
Paul, M. B., 83a.
Paulson, W. E., 87b.
Payne, J. H., 18a.
Payne, L. F., 32b.
Payson, L. B., 53b.
Peabody, G. E., 63a.
Peacock, N. D., 86a.
Peairs, L. M., 96b.
Pearce, G. W., 65a.
Pearce, S. D., 88a.
Pearson, C. S., 61a.
Pearson, F. A., 62a.
Pearson, H., 100a.
Pearson, M. V., 74b.
Pearson, N., 43a.
Pearson, O. W., 3a.
Pearson, R. A., III, 37a.
Pearson, R. W., 49a.
Peavy, G. W., 75a.
Peck, A. L., 75b.
Peck, M., 27a.
Peck, R. A., 98b.
Peck, R. E., 51a.
Pederson, C. S., 65a.
Peech, M., 19a.
Peele, T. C., 82a.
Peeler, H. E., 18a.
Peery, W. E., 32a.
Peet, Mrs. L. J., 28a.
Pegues, M. E., 83b.
Peikert, F. W., 16b.
Pellett, J. J., 62b.
Peltier, G. L., 53b.
Pelton, W. C., 86b.
Pember, F. R., 81a.
Peña, I. R., 80b.
Pence, M. O., 22b.
Pence, R. O., 32a.
Pennock, O. P., 10b.
Penny, N. M., 17a.
Penquite, R., 74b.
Penton, C. A., 54a.
Pepper, J. H., 52b.
Percival, G. P., 56a.
Percival, W. C., 96a.
Percy, J. F., 36b.
Perdue, J., 3b.
Perez, A. Roque-, 80a.
Perkins, A. E., 72a.
Perkins, A. T., 30b.
Perkins, E. B., 59a.
Perkins, F. E., 56b.
Perkins, H. O., 12b.
Perkins, S. O., 66a.
Perkins, W. R. (Miss.), 48a.
Perkins, W. R. (Va.), 93b.
Perregaux, E. A., 12a.
Perry, B., 25b.
Perry, B. L., 15a.
Perry, E. J., 57b.
Perry, R. L., 7b.
Person, F. G., 11a.
Person, L. H., 35a.
Personius, C. J., 63b.
Peters, C. A., 40a.
Peters, Mrs. G. C., 89b.
Peters, L. S., 60b.
Peters, M. K., 54b.
Peters, W. H., 45a.
Petersen, W. E., 45b.
Peterson, A. (Iowa), 28b.
Peterson, A. (Ohio), 71b.
Peterson, E. G., 89a.
Peterson, G. M., 7a.
Peterson, J. B., 28a.
Peterson, V., 82b.
Peterson, W., IV, 89a, 90b.
Peterson, W. H., 98a.
Petry, L. C., 61b.
Petry, R. A., 61b.
Pettigrove, H. R., 43a.
Pettinger, N. A., 92a.
Pettit, R. H., 42b.

Peyton, J. C., 49b.
Pfau, C. O., 59a.
Pfeiffer, W. H., 79a.
Pflueger, O. W., 79a.
Pflughoeft, H. A., 46b.
Pfund, M. C., 63b.
Phelps, E. L., 47a.
Phillips, C. A., 6b.
Phillips, C. D., 34b.
Phillips, C. E., 13a.
Phillips, E. F., 62b.
Phillips, R. W., 39b.
Phillips, S. J., 3b.
Phillips, T. D., 70a.
Phillips, T. G., 56a.
Philp, G. L., 8b.
Phipps, W. M., 61a.
Pickens, L. M., 22a.
Pickens, N., 2a.
Pickett, B. S., 29a.
Pickett, F. L., 94a.
Pickett, T. A., 17a.
Pickett, W. F., 32a.
Pickrell, C. U., 3a.
Pico, F., 80b.
Pieper, J. J., 20b.
Pierce, W. H., 20a.
Pierce, W. P., 91a.
Piercy, P. L., 51b.
Pierre, W. H., 96a.
Pierson, E. M., 84b.
Pierstorff, A. L., 69b.
Piland, J. R., 66a.
Pilchard, E. I., 21b.
Pilkey, A. M., 48b.
Pillsbury, A. F., 7b.
Pillsbury, J. P., 67a.
Pinches, H. E., 12a.
Pinckney, A. J., 68b.
Pinckney, R. M., 47b.
Pinckney, S. M., 83b.
Pinder, L. M., 79a.
Pingrey, H. B., 10a.
Pinney, L. E., 29b.
Pirnie, M. D., 44b, 45b.
Pirone, P. P., 64b.
Pistor, W. J., 3a.
Pitman, J. M., 100a.
Pittman, Mrs. B. C., 90b.
Pittman, D. W., 89a.
Pittman, M. S., 31b.
Plagge, Mrs. A. R., 28b.
Plagge, H. H., 29a.
Plagge, H. J., 29b.
Plakidas, A. G., 35a.
Plastridge, W. N., 11a.
Platenius, H., 64a.
Platt, C. S., 58b, 59b.
Platt, K. B., 19b.
Plumb, C. S., 69b.
Plummer, B. E., Jr., 37a.
Poelma, L. J., 38a.
Poesch, G. H., 72b.
Pohlman, G. G., 96a.
Poley, W. E., 84b.
Polk, H. D., 49a.
Polk, T. P., 33a.
Pollard, F. H., 82a.
Pollinger, W. E., 53b.
Pollock, J., 52b.
Polson, R. A., 65b.
Pond, E., 28b.
Pond, G. A., 46a.
Pond, J., 43b.
Pond, J. D., 63a.
Pool, R. J., 53b.
Poole, C. F., 8b.
Poole, R. F., 66b.
Pooler, E. M., 37a.
Pope, J. P., 55b.
Pope, O. A., 4a.
Pope, W. T., 18a.
Popp, H. W., 78a.
Porges, N., 59b.
Porter, A. M., 12b.
Porter, C. L. (Ind.), 23a.
Porter, C. L. (Wyo.), 100a.
Porter, D. D., 58b.
Porter, D. R., 8b.
Porter, J. P. (N. Y.), 64a.
Porter, J. P. (Tenn.), 85a.
Porter, R. H., 26a.
Porter, W. D., 90a.
Post, A. H., 52a.
Post, K., 64a.
Potgieter, F., 28b.
Potter, A. A., IV.
Potter, E. L., 75a.
Potter, G. F., 56b.
Potter, P. B., 92b.
Potts, L. A., 89a.
Potts, W. M., 87b.
Poundstone, A. B., 33b.
Powell, Mrs. E. D., 49b.
Powell, J. C., 85b.
Powell, M., 26b.
Powell, M. L., 89b.
Powell, W., 62a.
Powers, E. B., 86b.
Powers, L., 45a.
Powers, W. F., 41b.
Powers, W. L., 75b.
Praeger, H., 4b.
Pratt, A. D., 92a.
Pratt, A. J., 64a.
Pratt, B. A., 74a.
Prentice, B. N., 24a.
Prentiss, Mrs. S. W., 8a, 76b.
Pressey, Mrs. A. D., 70b.
Pressley, E. H., 4b.
Pressnel, G., 11a.
Prettyman, H. W., 97a.
Prevost, E. S., 83b.
Price, E. R., 92b.
Price, F. E., 76a.
Price, H. B., 34a.
Price, H. L., 92a.
Price, J. W., 71b.
Price, M., 70b.
Price, R. B., 51b.
Price, W. A., 33b.
Price, W. V., 98a.
Prichard, B. E. G., 82a.
Prickett, C. O., 1a.
Pridham, A. M. S., 64a.
Pridmore, R. G., 17a.
Prince, A. L., 58b, 59b.
Prince, F. S., 56a.
Prince, G. E., 82b.
Prince, W. M., 57b.
Pringle, H. S., 62b.
Pringle, M. P., 18b.
Procter, R. C., 50a.
Proctor, E. E., 17a.
Proctor, R. E., 33b.
Proebsting, E. L., 8b.
Prophet, E. C., 43b.
Prouty, C. C., 94a, b.
Prucha, M. J., 21a.
Pubols, B. H., 94b.
Pucher, G. W., 13a.
Pugsley, C. W., IV, 83a.
Puhr, L. F., 84a.
Purdy, D. I., 74a.
Purnell, F. S., 25b.
Purvis, E. R., 14a.
Pushee, G. F., 40b.
Putnam, P. L., 12a.
Pyke, W. E., 10a
Pyle, C. A., 32b.

Quaife, E. L., 25b.
Quayle, H. J., 7b.
Quayle, W. L., 101b.
Quesenberry, G. R., 60a.
Quesenberry, J. R., 53b.
Quigley, G. D., 39b.
Quinby, J. R., 89a.
Quinlan, E., 32a.
Quinlan, L. R., 32a.
Quintus, P. E., 27a.
Quist, J. S., 27b.

Raburn, G. E., 32a.
Raeder, J. M., 20a.
Ragsdale, A. C., 50a.
Rahn, O., 61b.
Raleigh, G. J., 64a.
Raleigh, S. M., 36a.
Ralston, W. R., 7b.
Ramirez, J. H., 80a.
Ramirez Silva, F. J., 80b.
Ramsey, G. R., 29a.
Ramsey, R. J., 21a.
Ramsower, H. C., 69a.
Rand, F. V., II.
Randall, G. O., 67a.
Randall, G. S., 21b.
Randolph, E. E., 66b.
Randolph, F. H., 62b.
Randolph, J. W., 1b.
Randolph, L. F., 61b.
Randolph, Mrs. R. S., 99a.
Rankin, H. W. 64b.
Rankin, W. H. (N. Y.), 65a.
Rankin, W. H. (N. C.), 66a.
Ranney, E. S., 4a.
Ranney, W. P., 46a.
Raper, P. A., 39b.
Rapking, A. H., 97b.
Rapport, V. A., 12b.
Rasmussen, A. O., 79b.
Rasmussen, D. I., 90b.
Rasmussen, E. J., 56b.
Rasmussen, M. P., 62a.
Rasmussen, R. H., 99b.
Ratcliffe, H. E., 68b.
Rathbone, R. V., 28a.
Rather, H. C., 43a.
Raven, M. I., 58a.
Rawl, E. H., 83a.
Rawlings, C. O., 56b.
Rawlins, T. E., 9a.
Ray, G. W., 1b.
Ray, M. K., 70b.
Raymond, C. B., 64a.
Rea, G. H., 62b.
Rea, H. E., 87a.
Rea, J. L., Jr., 67b.
Read, W. T., 57a.
Reade, J. M., 16a.
Readio, P. A., 62b.
Rearden, J. H., 19b.
Reaves, P. M., 92a.
Rebrassier, R. E., 71b, 72a.
Reck, S. H., Jr., 84b.
Recknagel, A. B., 63a.
Record, P. R., 72a.
Records, E., 55b.
Reddick, D., 61b.
Reddick, E., 86b.
Redditt, J. R., 55a.
Reddy, C. S., 26a
Reder, R. E., 73b.
Redfield, G. M., 24b.
Reed, C. O., 70a, 72a.
Reed, D. W., 37a.
Reed, E. T., 77a.
Reed, F. D., 57a.
Reed, F. P., 27b.
Reed, H. J., 22a.
Reed, H. M., 89a.
Reed, H. S., 9a.
Reed, I. F., 1b.
Reed, J. F., 34b.
Reed, L. (Kans.), 32b.
Reed, L. (S. C.), 83b.
Reed, M. F., 74b.
Reed, R. C., 38a.
Reed, R. H., 21b.
Rees, L. W., 46b.
Reese, A. M., 96a.
Reese, H. H., 6a.
Reese, H. M., 51a.
Reese, N. M., 17b.
Reeves, J., 15b.
Reeves, K., 63b.
Reeves, R. G., 87a.
Regan, M. J., 50a.
Regan, W. M., 6a.
Regenbrecht, E. M., 87a.
Regt, A. C. de, 57a.
Reichart, E. L., 54a.
Reid, D. H., 87a.
Reid, J. J., 98a.
Reid, M. G., 27a.
Reid, M. L., 47a.
Reid, O., Jr., 93b.
Reid, R. D., 78a.
Reid, T. R., 5a.
Reid, W. H. E., 50a.
Reid, W. J., Jr., 83b.
Reimer, F. C., 77b.
Reinhard, H. J., 88a.
Reinhart, R. E., 84b.
Reis, G. A., 43b.
Reist, H. N., 78b.
Reitz, J. W., 14b.
Reitz, L. P., 52a.
Reitz, T. R., 32a.
Remsberg, R. E., 20a.
Renfrow, E. E., 15b.
Renne, R. R., 52b.
Renner, E. W., 87a.
Reppert, R. R., 88a.
Ressler, B. C. V., 86b.
Rettger, L. F., 11a.
Reuszer, H. W., 11b.
Rextrew, A., 13b.
Reyna, J. E., 62a.
Reynolds, E. B., 86a.
Reynolds, L., 79a.
Reynolds, Mrs. M. S., 99a.
Reynolds, P. M., 69a.
Reynolds, R. L., 15b.
Reynolds, S. D., Jr., 88a.
Rhoades, H. F., 66a.
Rhoades, M. M., 64b.
Rhoads, A. S., 15a.
Rhoads, E. M., 28b.
Rhoads, W., 33a.
Rhode, C. S., 21a.
Rhodes, V. D., 23b.
Rhyne, E., 53a.
Rice, C. C., 41a.
Rice, M. A., 82a.
Rice, N. H., 49b.
Rice, V. A., 39a.
Rice, W. H., 39b.
Rice, W. S., 16a.
Rich, F. A., 91b.
Rich, J. H., 40b.
Richards, B. L., 90a.
Richards, D. E., 77a.
Richardson, A. G. G., 16a.
Richardson, C. H., 29b.
Richardson, C. S., 38b.
Richardson, Mrs. E. T., 57b.
Richardson, F. W., 4b.
Richardson, G. A., 6b.
Richardson, H. L., 36a.
Richardson, J. E., 52b.
Richardson, J. W., 1a.
Richardson, L. A., 85a.
Richardson, L. R., 50a.
Richardson, R. J., 16a.
Richardson Kuntz, P., 80a.
Richey, F. D., IV.
Richey, H. W., 29a.
Richmond, E. A., 79b.
Richmond, R. G., 10b.
Rickett, H. W., 50a.
Ricks, G. L., 44a.
Ricks, G. S., 74b.
Ricks, J. R., 48a, 49b.
Riddell, W. H., 31a.
Riddle, H. W., 68b.
Ridenour, G. M., 58b, 59b.
Ridgely, G. S., 75a.
Riedl, W. A., 100a.
Rieman, 3d, C. W., 57a.
Ries, V. H., 71a.
Rietz, J. H., 96a.

Rifenburgh, S. A., 23a.
Rightmire, G. W., 69a.
Rigney, J. W., 60b.
Riising, B. M., 98a.
Riker, A. J., 99b.
Riley, H. W., 62b.
Riley, J. A., 83b.
Riley, J. E., Jr., 13b.
Riley, M. C., 98b.
Riley, M. K., 18b.
Riley, O. N., 72b.
Riley, R. M., 37b.
Riley, W. A., 46a.
Rilling, H. E., 69a.
Rimpila, C. E., 45b.
Rinear, E. H., 56a.
Rinehart, E. F., 19a.
Ringrose, A. T., 64b.
Rink, C. W., 73b.
Riollano, A., 80b.
Ripperton, J. C., 18a.
Rishoi, A. H., 61b.
Ritcher, P. O., 98b.
Ritchey, G. E., 14b.
Ritchie, R. R., 82a.
Ritchie, W. S., 40a.
Ritz, F. E., 13b.
Ritzman, E. G., 56a.
Rivera, A., 80b.
Rivers, L. S., 5b.
Roadhouse, C. L., 6b.
Roath, W., 101b.
Robb, B. B., 62b.
Robbins, E. T., 21a.
Robbins, F. E., 22b.
Robbins, P. W., 45a.
Robbins, R. C., 18b.
Robbins, W. J., 50a.
Robbins, W. R., 57a.
Robbins, W. W., 6b.
Robert, J. C., 49b.
Roberts, C., 74b.
Roberts, E., 21a.
Roberts, E. H., 95a.
Roberts, F. E., 99a.
Roberts, G., 33a.
Roberts, G. A., 93b.
Roberts, J. B., 31a.
Roberts, J. H., 36b.
Roberts, J. W., IV.
Roberts, O. C., 41a.
Roberts, O. S., 25a.
Roberts, R., 54b.
Roberts, Ralph E., 23b.
Roberts, Roy E., 25a.
Roberts, R. H., 99a.
Roberts, R. W., 5a.
Roberts, T. N., 18a.
Robertson, B. F., 82a.
Robertson, D. W., 9b.
Robertson, Mrs. D. W., 40b.
Robertson, J., Jr., 41a.
Robertson, J. H., 85a.
Robertson, L. S., 24a.
Robertson, R. E., 15b.
Robey, O. E., 42b.
Robichaux, F. J., 35a.
Robinson, A., 10a.
Robinson, A. B., 21b.
Robinson, B., 85a.
Robinson, B. B., 75b.
Robinson, E. P., 56b.
Robinson, J. L., 28a.
Robinson, J. M., 2b.
Robinson, M., 63a.
Robinson, M. E., 51a.
Robinson, M. L., 31b.
Robinson, R. H., 76a.
Robinson, T. M., 49b.
Robison, W. L., 72a.
Robotka, F., 27a.
Robson, H. K., 95a.
Roche, B. H., 97b
Rocheford, J. M., 51a.
Rocheford, L. H., 6b.
Rocke, H. A., 54b.
Rockie, W. A., 95b.
Rodenwold, B. W., 75a.
Rodenwold, Mrs. Z. F., 77a.
Roderick, D. B., 82a.
Roderick, L. M., 68a.
Rodgers, B. M., 84b.
Rodgers, K. E., 36b.
Rodriguez, J. P., 80b.
Roe, H. B., 46a.
Roehl, L. M., 62b.
Rogers, A. S., 93b.
Rogers, C. E., 32a.
Rogers, C. F., 45b.
Rogers, C. H., 88b.
Rogers, E. C., 12b.
Rogers, F., 14b.
Rogers, F. E., 50b.
Rogers, H. W., 72b.
Rogers, J. H., 88a.
Rogers, M. B., 66b.
Rogers, W. B., 82a.
Rohrbeck, E. H., 78b.
Rohwer, C., 10b.
Rolfe, A. B., 48b.
Rolfs, F. M., 73b
Roller, E. C., 83b.
Rollins, H. A., 12b.
Rollins, L. H., 86a.
Roman, Mrs. N. M., 63b
Romanoff, A. L., 64b.
Romell, L. G., 61a.
Romm, H. J., 3b.
Romness, J., 46a.
Romstad, C., 47b.
Roney, J. N., 88a.
Rood, C. A., 43a.
Rood, P. J., 44b.
Roque-Perez, A., 80a.
Rosa, D. G., 68a.
Rosborough, J. F., 88b.
Rose, E. J., 47a.
Rose, F., 61a, 63a.
Rose, L. E., 73a.
Rose, R. C., 47b.
Rosen, H. R., 5b.
Rosenberger, A., 84b.
Rosenkrans, D. B., 82a.
Rosenquist, A., 84b.
Rosenquist, C. E., 53b.
Rosewall, O. W., 36b.
Ross, Mrs. A. L., 89b.
Ross, B. J., 49b.
Ross, C. S., 18a.
Ross, D. E., 41a.
Ross, H. E., 61b.
Ross, J. E., 84b.
Ross, P. H., 3a.
Ross, R. C., 21b.
Ross, W. H., 41b.
Rost, C. O., 47b.
Roth, A. J., 94a.
Rothacker, R. R., 29a.
Rothgeb, R. G., 38a.
Round, G. S., 54a.
Rouse, W. L., 33b.
Rowalt, E. M., 71a.
Rowan, Mrs. I. W., 89b.
Rowe, C. F., 3b, 4b.
Rowell, L. S., 91b.
Rowlands, W. A., 98b.
Roy, K. B., 5a.
Roy, W. R., 33b.
Rozman, D., 40a.
Rubel, C. W., 8a.
Rubin, A. L., 85b.
Ruble, F. J., 70a.
Ruby, G. C., 54b.
Rucker, A., 34b.
Rucker, H. J., 21b.
Rucker, V. M., 31a.
Rudnick, A. W., 26b.
Rudolfs, W., 58b, 59b.
Rudolph, B. A., 9a.
Ruedel, F. J., 74b.
Ruef, J. U., 79b.
Ruehe, H. A., 21a.
Ruehle, G. D., 15b.
Ruffner, R. H., 66a.
Ruggles, A. G., 46a.
Rule, G. K., 37a.
Runnalls, M. E., 54b.
Runnalls, W. J., 54a.
Runnells, R. A., 29b.
Runnels, H. A., 72a.
Rupel, I. W., 97b.
Ruprecht, R. W., 14a.
Rusk, H. P., 20b.
Russel, J. C., 53a.
Russell, B. A., 82b.
Russell, D., 87b.
Russell, M., 28b.
Russell, R. (Md.), 38b.
Russell, R. (Wash.), 95a.
Russell, W. C., 57a.
Rust, Mrs. L. O., 32a.
Ruth, W. A., 22b.
Ruzek, C. V., 75b.
Ryan, E., 70b.
Ryan, J. T., 55b.

Sabin, D. R., 100a.
Sackett, R. L., III.
Sackrider, E. C., 44b.
Sagen, H. E., 98a.
Sager, Mrs. A. L., 76b.
St. Dizier, R. V., 35b.
St. John, H., 18a.
St. John, J. L., 94a.
St. John, R. R., 23a.
Sales, E. K., 44b.
Sales, E. Molinary, 80b.
Salisbury, G. W., 61a.
Salisbury, S. M., 69a.
Sallee, G. A., 46a.
Salmon, W. D., 1a.
Salter, E. M., 98b.
Salter, F. J., 69a.
Salter, L. A., Jr., 12a.
Salter, R. M., 69a, 71a.
Sammis, J. L., 98a.
Sampson, A. W., 8a.
Sampson, H. C., 69b.
Sampson, H. O., 57b.
Sams, C. L., 67b.
Samson, R. W., 23a.
Sanborn, B. G., 56a.
Sanborn, C. E., 74a.
Sanborn, E. I., 76a.
Sanborn, M. L., 56b.
Sanborn, N. W., 15b.
Sanborn, R., 41b.
Sanctuary, W. C., 41b.
Sander, V. T., 68a.
Sanders, D. A., 14a.
Sanders, H. C., 35b.
Sanders, H. W., 92b.
Sanders, J. T., 73b.
Sanders, K. B., 85a.
Sanders, O. W., 49b.
Sanderson, E. D., 65b.
Sanderson, T., 68a.
Sandhoff, A. G., 59b.
Sando, L., 47a.
Sandstedt, R. M., 54a.
Sandsten, E. P., 9a, 11a.
Sandstrom, M. M., 29a.
Sandstrom, W. M., 45b.
Sanford, J. D., 1b.
Sanford, J. E., 15b.
Sanford, S. V., 16a.
Sargent, G. T., 1b.
Sargent, W. D., 62b.
Sass, J. E., 26a.
Sater, L. E., 28b.
Sater, V. E., 95a.
Satterfield, G. H., 66b.
Sauer, E. L., 21b.
Saunders, W. D., 92a.
Saunderson, M. H., 52b.
Sauvé, E. C., 42b.
Savage, D. A., 32b.
Savage, E. S., 61b.
Savage, Z., 14b.
Saville, D., 54b.
Saville, R. J., 35a.
Sawyer, C. E., 95b.
Sawyer, H. W., 2b.
Sawyer, L. E., 22a.
Sayles, C. I., 62b
Sayles, Mrs. D. F., 63b.
Sayre, C. B., 66a.
Sayre, J. D., 71b.
Scarseth, G. D., 1a.
Schaars, M. A., 98b.
Schaefer, P. E., 71b.
Schafer, E. G., 94a.
Schaffner, J. H., 69b.
Schaible, P. J., 42a.
Schalk, A. F., 71a, 72a.
Schantz-Hansen, T., 46b 47b.
Schaub, I. O., III, 66a.
Scheidenhelm, E. C., 54a.
Schell, M. I., 51a.
Schenck, M., 46b.
Schermerhorn, L. G., 58a, 59b.
Schickele, R. W., 27a.
Schiefelbusch, T. L., 73b.
Schierz, E. R., 100b.
Schilletter, A. E., 83a.
Schilletter, J. C., 29a.
Schilling, G. S., 19a.
Schlenker, F. S., 81a.
Schlesselman, G. W., 87b.
Schlundt, H., 50a.
Schmid, G., 55b.
Schmidt, E., 85a.
Schmidt, E. H., 38a.
Schmidt, G. A., 10b.
Schmidt, H., 88b.
Schmidt, J. P., 70b.
Schmidt, R., 67a.
Schmitz, H., 46b.
Schneider, J. B., 7a.
Schneiderhan, F. J., 96a, 97b.
Schnetzler, E. E., 25a.
Schnopp, W. C., 97a.
Schoene, W. J., 92b.
Schoenfeld, W. A., 75a.
Schoenleber, L. G., 27b.
Scholl, E. E., 74a.
Schollenberger, C. J., 71b.
Schonbrod, W., 84b.
Schoonover, W. R., 8b.
Schoth, A. J., 31b.
Schoth, H. A., 75b.
Schott, R. G., 71b.
Schrader, A. L., 39b.
Schrader, G. A., 1a.
Schrumpf, W. E., 37a.
Schulte, J. I., II.
Schulte, R. B., 25a.
Schultz, H. K., 45a.
Schultz, O. C., 73b.
Schultz, T. W., 27a.
Schultze, M. O., 98a.
Schulz, J. A., 25b, 26b.
Schulze, A. F., 11a.
Schumacher, C. E., 23b.
Schumaker, D., 63b.
Schuster, C. E., 75b.
Schuster, G. L., 13a.
Schutt, C. D., 61b.
Schwab, J. W., 23a.
Schwalen, H. C., 3b.
Schwantes, A. J., 46a.
Schwardt, H. H., 5a.
Schwarte, L. H., 29b.
Schwartz, D., 5b.
Schwartze, C. D., 95a.
Schwenk, H. S., 11b.
Scidmore, Mrs. A. F., 63b.
Scoates, D., 87b.
Scott, C., 64b.
Scott, C. E., 9a.
Scott, E. L., 3a.
Scott, G. W., 8b.
Scott, H. M., 32b.
Scott, J. P., 32b.
Scott, J. W., 101a.
Scott, L. E., 83b.
Scott, M. R., 81b.

Scott, R. J., 63b.
Scott, V. E., 55a.
Scovell, E. L., 58a.
Scoville, G. P., 62a.
Scranage, G. M., 96b.
Scranton, L. L., 68b.
Scrivner, L. H., 101a.
Scudder, H. D., 75b.
Scullen, H. A., 76b.
Seal, J. L., 1b.
Seamans, A. E., 53b.
Seamans, G. H., 4b.
Searcy, O. L., 75a.
Searles, H. R., 45b.
Searls, E. M., 98b.
Sears, F. C., 41a.
Sears, G. W., 55a.
Sears, O. H., 20b.
Seath, D. M., 31a.
Seaton, H. L., 44a.
Seaton, J. P., 22b.
Seaton, M. A., 32b.
Secrest, E., 72a.
Secrest, M., 8a.
Seely, C. I., 95b.
Segolson, R. F., 47a.
Seibert, Mrs. M. R., 58a.
Seigworth, K. J., 38b.
Sein. F., Jr., 80a.
Seitz, C. E., 92b.
Selby, H. E., 75b.
Sell, I. I., 19b.
Sell, O. E., 100a.
Sellards, H. G., 33a.
Sellman, R. L., 38a.
Semphill, I. E., 25b.
Senn, P. H., 14b.
Serex, P., 40a.
Serrano. L. A., 80b.
Serviss, G. H., 61a.
Setter, L. R., 58b, 59b.
Settle, J. E., 93b.
Settle, L. B., 15a.
Settle, M. B., 93a.
Settler, S. H., 89b.
Settles, O., 28b.
Setzler, R., 5b.
Severance, R. W., 67b.
Severin, H. C., 84a.
Severin, H. H. P., 7b.
Severson, A. S., 68a.
Sewall, H. W., 47b.
Sewell, A., 3b.
Sewell, J. G., 6b.
Sewell, W. E., 1a.
Sexauer, T. E., 27a.
Seymour, H. C., 76b.
Shaben, I. J., 43b.
Shaben, L., 63b.
Shade, C. S., 36b.
Shands, R. G., 97a.
Shanklin, F. M., 24a.
Shanley, C., 84b.
Shannon, D. P., 47b.
Shannon, E. L., 73b.
Shantz, H. L., 3a.
Sharp, A. J., 85a.
Sharp, L. W., 61b.
Sharp, M. A., 27b.
Sharp, P. F., 61b.
Shattuck, O., 77a.
Shaw, C. F., 6a.
Shaw, F. R., 62b.
Shaw, J. K., 41a.
Shaw, J. N., 75a.
Shaw, M. S., 48b.
Shaw, R. S., III, 41a.
Shaw, T. E., 24a.
Shaw, W. M., 85a.
Shawl, R. I., 21b.
Shay, W. W., 66b.
Shealy, A. L., 14a.
Shealy, Mrs. J., 100a.
Shear, G. M., 92a.
Shear, O. E., 44a.
Shear, S. W., 7a.
Shearer, P. S., 25b.
Shedd, C. K., 27b.
Shedd, O. M., 33b.
Sheehan, E. L., 57b.
Sheely, C. Q., 48a.
Sheely, R. L., 3a.
Sheely, W. J., 14a.
Sheets, O. A., 49a.
Shelby, H., 39a.
Sheldon, F. C., 12b.
Sheldon, K. J., 91b.
Sheldon, W. H., 42b.
Shelton, F., 93b.
Shepard, C. E., 12b.
Shepard, H. H., 46b.
Shepard, P. H., 51a.
Shepardson, C. N., 87a.
Shepherd, G. S., 27a.
Shepherd, H. W., 8b.
Sheppard, O. E., 52a.
Shepperd, J. H., 68a.
Sherbakoff, C. D., 86b.
Sherburne, R. E., 40a.
Sherman, F., 83a.
Sherman, III, F., 43a.
Sherman, G. W., Jr., 25a.
Sherman, J. M., 61b.
Sherman, L. W., 72b.
Sherman, R. W., 72a.
Sherrill, W. R., 87b.
Sherwood, E. C., 96a.
Sherwood, F. W., 66b.
Sherwood, R. C., 45b.
Sherwood, R. M., 87a, 89a.
Shibles, L. H., 37a.
Shideler, F. M., 77a.
Shields, J. L., 10a.
Shigley, J. F., 77b.
Shilling, I. M., 28b.
Shimer, S. R., 56a.
Shinn, E. H., III.
Shipe, L. M., 86b.
Shipe, S. E., 85a.
Shippy, W. B., 15a.
Shipton, H., 30a.
Shires, L. B., 60a.
Shirey, Z., 96b.
Shirky, S. B., 51b.
Shive, J. W., 57a.
Shivery, G. B., 86b.
Shockey, B. F., 74b.
Shoemaker, J. N., 71b.
Shoemaker, M. M., 39b.
Sholl, L. B., 41b.
Showalter, M. F., 67a.
Shrewsbury, C. L., 23a, 25a.
Shuck, A. L., 65a.
Shuey, G. A., 85a.
Shulkcum, E., 92a.
Shull, W. E., 19b.
Shultis, A., 7a.
Shultz, E. N., 25b.
Shumway, C. P., 47b.
Shunk, I. V. D., 66b.
Shute, A. W., 83b.
Shute, Mrs. B. S., 83b.
Sidelmann, I. O., 78a.
Siecke, E. O., 88a.
Sievers, F. J., 39a.
Sikes, A. M., 15a.
Sikes, E. W., 82a.
Silcox, W. B., 46a.
Silva, F. J. Ramirez, 80b.
Silver, E. A., 72a.
Simmons, C. W., 88a.
Simmons, J. E., 76a.
Simmons, S. B., 68b.
Simms, B. T., 75a.
Simms, W. E., 74a.
Simon, E. C., 36a.
Simon, R. H., 71b.
Simons, J. S., 80b.
Simons, L. R., 61a.
Simpson, F., 21a.
Simpson, G. W., 37a.
Simpson, R. V., 56b.
Sims, A. J., 85b.
Sims, F. A., 28b.
Sims, M. L., 3b.
Sims, T. A., 2a.
Sinclair, W. B., 9b.
Sinden, J. W., 78a.
Singletary, B. H., 35b.
Singleton, H. P., 95b.
Singleton, W. R., 13b.
Sipe, G. R., 49a.
Sitterley, J. H., 70a.
Sjogren, J. W., 92b.
Skelley, W. C., 57a, 59a, 60a.
Skelton, G. V., 76a.
Skelton, Mrs. T. E., 39b.
Skidmore, L. V., 53b.
Skillin, V. R., 74b.
Skillman, E. G., 59b, 60a.
Skinner, B. R., 72b.
Skinner, E. L., 40b.
Skinner, H. T., 64a.
Skinner, J. H., 22a.
Skinner, L. I., 16b.
Skiver, C. E., 22b.
Slagsvold, P. L., 52b.
Slanetz, L. W., 56a.
Slate, G. L., 65b.
Slate, W. L., 11a, 12a.
Sleesman, J. P., 72a.
Slipher, J. A., 69a.
Sloan, H. J., 21a.
Sloan, S. L., 52a.
Slocum, G. K., 67a.
Sloss, M. W., 29b.
Small, Mrs. F. C., 57a.
Small, J. A., 57a.
Small, Mrs. K. H., 63b.
Smenner, O., 5b.
Smith, A., 6a.
Smith, A. B., 32b.
Smith, A. C., 47b.
Smith, A. L., 87a.
Smith, C. A., 10a.
Smith, C. E., 36b.
Smith, C. O., 9a.
Smith, C. W. (Nebr.), 54b.
Smith, C. W. (Pa.), 79b.
Smith, D. A., 29b.
Smith, D. C., 75b.
Smith, E. A., 30a.
Smith, E. C. (Colo.), 10a.
Smith, E. C. (N. Y.), 65a.
Smith, E. D., 10a.
Smith, E. E., 22a.
Smith, E. T., 69a.
Smith, E. V. (Ala.), 1b.
Smith, E. V. (Mich.), 43a.
Smith, E. Y., 64b.
Smith, F. A., 42b.
Smith, F. B., 28a.
Smith, F. E., 8a.
Smith, F. H., 66b.
Smith, F. L., 6a.
Smith, F. R., 6b.
Smith, F. V., 24a.
Smith, G. E. P., 3b.
Smith, G. H., Jr., 55a.
Smith, G. L., 89b.
Smith, G. M., 23a.
Smith, G. R., 66b.
Smith, G. S., 68a.
Smith, H., 90b.
Smith, H. A., 95b.
Smith, H. C., 70b.
Smith, H. H. (N. J.), 59a.
Smith, H. H. (Utah), 89b.
Smith, H. M., 88b.
Smith, H. O., 26b.
Smith, H. P., 87b.
Smith, H. S., 7b.
Smith, H. V., 3b.
Smith, H. W., 37a.
Smith, J. B., 81a.
Smith, J. L., 14a, 15a.
Smith, J. M., 34a.
Smith, J. O., 49b.
Smith L. B., 8a.
Smith, L. F., 79a.
Smith, L. G., 64a.
Smith, L. H., 20b.
Smith, L. J., 94b.
Smith, L. M., 7b.
Smith, M. B., 12a.
Smith, Mrs. M. C., 4b.
Smith, Mrs. M. E., 5b.
Smith, Mrs. M. H., 99a.
Smith, M. L., 54b.
Smith, M. M., 56a.
Smith, M. R. (Kans.), 31b.
Smith, M. R. (Miss.), 49b.
Smith, O. (La.), 35b.
Smith, O. (N. Y.), 64a.
Smith, O. M., 73b.
Smith, P. H., 40a.
Smith, P. W., 38b.
Smith, R. C., 31b.
Smith, R. E., 9a.
Smith, Mrs. R. G., 62b.
Smith, R. H. (Calif.), 7b.
Smith, R. H. (M. I. T.), IV.
Smith, R. M., 4b.
Smith, Mrs. R. M., 5b.
Smith, R. S., 20b.
Smith, R. W., 69b.
Smith, R. W., Jr., 91a.
Smith, S. F., 53a.
Smith, S. G., 51b.
Smith, S. L. (Mont.), 53b.
Smith, S. L. (U. S. D. A.), II, III.
Smith, T. L., 35b.
Smith, T. O., 56a.
Smith, V. E., 95b.
Smith, W. A., 23b.
Smith, W. T., Jr., 85a.
Smith, W. W., 23a.
Smith, Z. M., 23b, 24a.
Smits, B. L., 30b.
Smurthwaite, G. H., 31b.
Smyth, J. R., 36a.
Smythe, D. W., 7a.
Snapp, R. R., 21a.
Snell, M. E., 39a.
Snell, M. G., 35a.
Snider, H. J., 20b.
Snodgrass, G. L., 34b.
Snodgrass, R. J., 3a.
Snow, J. C., 85a.
Snow, O. L., 44a.
Snuggs, R. E., 87b.
Snyder, A. H., 39b.
Snyder, Mrs. E. B., 54b.
Snyder, G. B., 41a.
Snyder, L. B., 54a.
Snyder, L. H., 71b.
Snyder, R. S., 19a.
Snyder, R. W., 87a.
Snyder, W. C., 9a.
Solheim, W. G., 100a.
Somers, L. A., 22b.
Sommer, A. L., 1a.
Sommer, H. H., 98a.
Sommerfeld, E., 69b.
Sondergaard, H. T., 98a.
Sorenson, C. J., 90b.
Soth, L. K., 27a.
Sotola, J., 94a.
Soule, H. W., 91b.
Southard, J. L., 24b.
Southerland, D. P., 67b.
Southwell, B. L., 17b.
Spaeth, J. N., 63a.
Spangler, C. R., 86b.
Spangler, R. C., 96a.
Spaulding, H. C., 37b.
Spaulding, M. F., 67a.

Spaulding, M. H., 53a.
Speaks, R. A., 15b.
Spearin, L. M., 37a.
Spears, H. D., 34b.
Speer, Mrs. E. L., 86a.
Speirs, M., 17b.
Spellman, C. L., 68b.
Spelman, A. F., 40a.
Spence, H. L., Jr., 19a.
Spencer, A. P., 14a, b.
Spencer, F. W., 35b.
Spencer, G. E., 23b.
Spencer, L., 62a.
Spencer, L. H., 2a.
Spencer, V. E., 55a.
Sperry, A. B., 32b.
Sperry, J. A., 78a.
Sperry, R. E., 54b.
Spike, E. M., 76b.
Spinney, L. B., 29b.
Spitler, J. C., 21b.
Spitzer, G., 23b.
Spohn, B. B., 70b.
Sprague, A. R., Jr., 76a.
Sprague, D. C., 78b.
Sprague, H. B., 58b, 59b.
Sprague, P. K., 79a.
Springer, Mrs. C., 86b.
Springer, L. K., 55b.
Sproul, R. G., 6a.
Spurlock, A. H., 14b.
Spurrier, F. M., 8a.
Spurway, C. H., 44b.
Staats, W. D., 94b.
Stack, J. W., 44b.
Stacy, S. V., 17a.
Stacy, W. H., 27a.
Stadler, L. J., 51a.
Stafford, E. W., 49b.
Stafseth, H. J., 44b.
Stahl, A. L., 15a.
Stahl, J. L., 8b.
Stair, E. C., 24b.
Staker, E. V., 61a.
Stakman, E. C., 47a.
Stanford, J. S., 90b.
Stange, C. H., 29b.
Stanley, E. B., 3a.
Stanley, W. W., 85b.
Stansel, R. H., 89a.
Stanton, E. F., 15b.
Staples, C. H., 35a.
Staples, R., 54b.
Stapleton, H. N., 78b.
Starch, E. A., 52b.
Starin, F. A., 10b.
Stark, A. L., 90b.
Stark, C. N., 61b.
Stark, Mrs. P. W., 61b.
Starke, R. R., 57a.
Starkey, E. J., 10a.
Starkey, L. V., 82a.
Starkey, R. L., 58b.
Starr, D. F., 26b.
Starr, G. H., 100a.
Starr, L. E., 93a.
Starr, S. H., 17a.
Starrak, J. A., 27a.
Staten, G., 60a.
Staten, H. W., 73a.
Statton, G. W., 73a.
Stauffer, R. S., 20b.
Stautz, O., 53a.
Stearns, L. A., 13a.
Stebbins, F. M., 32b.
Steece, H. M., II.
Steele, B., 54b.
Steele, D. G., 11b, 12b.
Steen, E. B., 24a.
Steenbergen, W. A., 3b.
Steenbock, H., 98a.
Steers, M. A., 47a.
Steffen, E. H., 94b.
Steffens, H. W., 20b.
Steinbauer, G. P., 37a.
Steinbrech, J. M., 101b.
Steininger, G., 74b.
Steinmetz, F. H., 36b.
Stelzer, R. O., 96b.
Stemmons, W., 12a.
Stene, A. E., 81b.
Stephens, D. E., 77b.
Stephens, E., 63b.
Stephens, J. C., 89a.
Stephens, Mrs. J. L., 17b.
Stephens, M., 28b.
Stephenson, R. E., 75b.
Sterges, A. J., 87b.
Stevens, C. L., 56b.
Stevens, F. D., 15b.
Stevens, H. B., 57b.
Stevens, K. R., 90a.
Stevens, Mrs. M. R., 49b.
Stevens, O. A., 68a.
Stevens, W. M., 35a.
Stevenson, W. H., 27b.
Stewart, C. L., 21b.
Stewart, F., 2b.
Stewart, F. C., 65a.
Stewart, H. C., 60b.
Stewart, J., 25b.
Stewart, Mrs. M. L., 37b.
Stewart, O. M., 51a.
Stewart, P. H., 53a.
Stewart, R., 55a.
Stewart, R. M., 62b.
Stewart, R. T., 87a.
Stewart, S., 36b.
Stewart, T. G., 9b.
Stewart, W. F., 70a.
Stickney, B., 69b.
Stier, R. F. E., 94a.
Stiles, C. F., 74a.
Stiles, H., 29b.
Stillman, E., 81b.
Stillman, G. S., 99a.
Stinson, T. B., 32b.
Stitt, R. E., 67b.
Stivers, E. D., 85b.
Stoa, T. E., 68a.
Stockdale, C. E., 96b.
Stoddard, E. M., 13a.
Stokes, W. E., 14b.
Stoll, F. C., 24b.
Stoltz, R. B., 70a.
Stolworthy, M. J., 56b.
Stone, A. L., 97a.
Stone, G. M., 86b.
Stone, P. H., 18b.
Stone, W. E., 91a.
Stoneberg, H., 35a.
Storer, T. I. 7b.
Storie, R. E., 6a.
Stott, C. O., 90a.
Stouder, K. W., 29b.
Stough, H. B., 20b.
Stout, A. F., 60a.
Stout, E. N., 11b.
Stout, G. J., 79b.
Stout, W. B., 24a.
Stoutemyer, V. T., 29a.
Stover, H. J., 7a.
Stover, W. G., 69b.
Stracener, C. L., 36b.
Strahan, H. B., 43b.
Strand, A. B., 86b.
Strand, A. L., 52b.
Straszheim, R. E., 25b.
Stratton, G. E., 12b.
Stratton, R., 73b.
Strausbaugh, P. D., 96a.
Strayer, E. F., 74b.
Street, O. E., 13b.
Streets, R. B., 4b.
Streinz, A. J., 16b.
Strickland, G., 76b.
Strickland, J. V., 18.
Stringfield, G. H., 71b.
Stroman, G. N., 60a.
Strommen, A. M., 100b.
Strong, F. C., 42a.
Strong, F. M., 98a.
Strong, L. A., IV.
Strong, Mrs. M. C., 42a.
Strong, V. A., 60b.
Strong, W. O., 93b.
Strouse, K. M., 12a.
Strubinger, L. H., 13b.
Struble, E. B., 62a.
Stuart, A. D., 16a.
Stuart, H. O., 81a.
Stuart, N. W., 38a.
Stuart, W. H., 67b.
Stuckey, H. P., 17a.
Studley, L. A., 47a.
Sturdivant, C. T., 74a.
Sturgis, M. B., 35a.
Sturkie, D. G., 1a.
Sturkie, P. D., 87a.
Sturlaugson, V., 69b.
Sturtevant, A. P., 100b.
Sudds, R. H., 79b.
Sugg, R. S., 1a.
Sullivan, G. M., 34b.
Sullivan, J., 88a.
Sullivan, J. T., 25b.
Sullivan, L. M., 28b.
Sulzbach, D. L., 79a.
Summerour, C. W., 16a.
Summers, O. N., 100a.
Summers, T. H., 10a.
Sumner, W. A., 99b.
Sunderlin, E., 28b.
Sunderlin, G. L., 24b.
Suneson, C. A., 53a.
Sure, B., 4b.
Sussex, S. W., 84b.
Sutherland, J. L., 53b.
Sutherland, M. E., 10a.
Suttle, A. D., 48a.
Sutton, G. M., 62b.
Sutton, T. S., 69b, 72a.
Svendby, C., 95a.
Svihla, A., 95b.
Swaffar, P., 92a.
Swallers, C., 68a.
Swanback, T. R., 13b.
Swanson, A. F., 32b.
Swanson, C. O., 32a.
Swanson, L. V., 28b.
Swanson, P. P., 28b.
Swartwout, H. G., 51a.
Swartzlow, C. R., 51a.
Sweet, M. B., 20b.
Sweetman, H. L., 40b.
Sweetman, Mrs. M. D., 37b.
Swenk, M. H., 54b.
Swenson, O. W., 48a.
Swift, H. C. 36a.
Swift, R. W., 77b.
Swingle, D. B., 52a.
Swingle, H. S., 2b.
Swinney, H. J., 28b.
Swope, W. D. (N. Y.), 64b.
Swope, W. D. (Pa.), 78a.
Sykes, J. D., 49a.
Symons, T. B., 37a.
Szymoniak, B., 36b.

Taberner, F. R., 32b.
Tabor, A. A., 18b.
Tabor, E. C., 42a.
Taff, P. C., 27b.
Taggart, W. G., 34a, 36a
Tague, W. H., 40b.
Tailby, G. W., 61b.
Takahashi, M., 18a.
Talbert, E. H., 82b.
Talbert, T. J., 51a.
Talbot, N. A., 74a.
Talbot, R. F., 36a.
Taliaferro, W. T. L., 38b.
Tanner, Mrs. A. L., 49b.
Tanner, J. E., 49a.
Tanquary, M. C., 46b.
Tapley, W. T., 66b.
Tappan, G., 35b.
Tarr, W. A., 51a.
Tarrant, L., 91b.
Tate, H. D., 30a.
Tate, H. S., 82b.
Taubenhaus, J. J., 88b.
Tavernetti, J R., 7b.
Taylor, C., 93a.
Taylor, C. A., 63a.
Taylor, C. F., 64b.
Taylor, F. W., 56a.
Taylor, G. E., 42b.
Taylor, G. S., 45b.
Taylor, H. F., 14b.
Taylor, I. A., 43b.
Taylor, J. B., 84b.
Taylor, J. C. (Mont.), III, 52a.
Taylor, J. C. (N. J.), 58b.
Taylor, J. E., 74b.
Taylor, J. R., 1a.
Taylor, Mrs. J. T., 33b.
Taylor, K. W., 10a.
Taylor, L. C., 76b.
Taylor, L. H., 96a.
Taylor, L. W., 9b.
Taylor, M. F., 32a.
Taylor, M. W., 57a.
Taylor, R. W., 2a.
Taylor, T. G., 90a.
Taylor, T. I., 19a.
Taylor, W. P., 4a.
Teagarden, E. H., 31b.
Teal, E. E., 70b.
Tear, J. F., 43b.
Temple, C. E., 38a.
Templeton, W. A., 48a.
Templin, E. H., 88b.
Tennant, J. L., 81a.
Tenny, R. W., 45a.
Tennyson, G. E., 73b.
Tepper, A. E., 57b.
Termohlen, W. D., 27a.
Terras, Mrs. A. E., 46a.
Terrell, W. G., 34b.
Terrill, B. M., 91b.
Terry, G. S., 34b.
Teske, A. H., 93a.
Test, L. A., 23b.
Tetrault, P. A., 23a.
Teutsch, W. L., 76b.
Thaden, J. F., 44b.
Thalman, R. R., 53b.
Thatcher, L. E., 71b.
Thayer, C. H., 39a.
Thayer, C. L., 41a.
Thayer, J. W., Jr., 43a.
Theophilus, D. R., 19a.
Thies, W. H., 41a.
Thiessen, E. J., 101a.
Thomas, B. H., 25b, 26a.
Thomas, C. A., 79b.
Thomas, E. E., 6b.
Thomas, F. L., 87b.
Thomas, Harold E., 9a.
Thomas, Harvey E., 9a.
Thomas, J., 14b.
Thomas, J. J., 78a.
Thomas, J. L. (Nebr.), 54b.
Thomas, J. L. (Tex.), 87a.
Thomas, J. R., 93b.
Thomas, M. E., 67a.
Thomas, Mrs. M. L., 63b.
Thomas, R., 18b.
Thomas, R. C., 72a.
Thomas, R. P., 38a.
Thomas, W., 78a.
Thomas, W. P., 90a.
Thomasson, R. R., 50a, b.
Thompson, B. G., 76b.
Thompson, Mrs. B. P., 3b.
Thompson, C., 47b.
Thompson, C. P., 73a.
Thompson, E. J., 68a.
Thompson, G. H., 84b.
Thompson, H. C., 64a.
Thompson, M. J., 46a, 48a.
Thompson, M. M., 58a.

Thompson, O. A., 69b.
Thompson, P. K., 101b.
Thompson, R. B., 74b.
Thompson, R. E., 57b.
Thompson, R. L., 35a.
Thompson, S., 35b.
Thompson, S. H., 27a.
Thompson, W. C., 58b, 59b.
Thompson, W. J., 48a.
Thompson, W. L., 15b.
Thompson, W. W., 44b.
Thomsen, F. L., 50b.
Thomsen, L. C., 98a.
Thomson, R. B., 29a.
Thordarson, T. W., 68b.
Thorfinnson, T. S., 84a.
Thornber, J. B., 20a.
Thornber, J. J., 3a.
Thorne, C. E., 71a.
Thornton, B. J., 10a.
Thornton, C. J., 55a.
Thornton, E. J., 2b.
Thornton, M. H., 25b.
Thornton, M. K., Jr., 87b.
Thornton, S. F., 25b.
Thorp, F., Jr., 21a.
Thorp, L. J., 28a.
Thorpe, G. A., 43a.
Threlkeld, W. L., 93a.
Thrift, P. E., 5b.
Throckmorton, R. I., 30a.
Thrun, F. M., 42b.
Thurmond, M. F., 87b.
Thursby, I. S., 15a.
Thurston, A. S., 39b.
Thurston, F., 76b.
Thurston, H. W., Jr., 78a.
Thurston, L. M., 96b.
Tidd, W. M., 71b.
Tidmore, J. W., 1a.
Tiebout, G. L., 36a.
Tiedjens, V. A., 58a.
Tietz, H. M., 79b.
Tiffany, L. H., 69b.
Tigert, J. J., III, 14a.
Tilford, P. E., 72a.
Tilton, C. G., 12a.
Timberlake, P. H., 7b.
Timmons, D. E., 14b.
Timmons, F. L., 30a.
Tims, E. C., 35a.
Timson, G., 28b.
Tingey, D. C., 89a.
Tinker, S., 18b.
Tinley, J. M., 7a.
Tippett, J. E., 8a.
Tirrell, L. V., 56a.
Tisdale, H. B., 1a.
Tisdale, W. B., 15a.
Tissot, A. N., 14b.
Titus, C. M., 7b.
Titus, L., 55a.
Tjerandsen, C., 19b.
Tobey, E. R., 37a.
Tobey, G. N., 85b.
Tobey, S. C., 10a.
Tobiska, J. W., 10a.
Todd, C. C., 94a.
Todd, E., 17a.
Todd, L. C., 25a.
Todhunter, E. N., 95a.
Toenjes, W., 45a.
Toevs, J. L., 20b.
Tolaas, A. G., 47a.
Toliver, J. O., 10a.
Tolley, H. R., 6a, 7a.
Tolman, W., 53b.
Tom, R. B., 70a.
Tomhave, A. E., 13a.
Tompkins, C. M., 9a.
Torgerson, E. F., 76a.
Toro, R. A., 80a.
Torrance, J. B., 46a.
Torres, I. L., 80a.
Torrey, G. S., 11b.
Torrey, R. E., 40a.
Toth, L., 63b.
Totman, C. C., 84a.
Tottingham, W. E., 98a.
Towle, R. S., 101b.
Towne, J. E., 45a.
Towns, H. G., 87a.
Townsend, G. R., 15b.
Trabue, E., 12a.
Tracy, P. H., 21a.
Trainer, W. W., 79b.
Transeau, E. N., 69b.
Traphagen, P. V., 66b.
Traum, J., 9b.
Traver, J. R., 62b.
Travis, B., 30a.
Treichler, R., 87b.
Trelogan, H. C., 45b.
Treman, A. H., 62a, 63b.
Trenk, F. B., 98b.
Trent, D. P., 73a.
Tressler, D. K., 65a.
Tretsven, J. O., 52a.
Triebold, H. O., 78a.
Trigg, E. G., 93b.
Trimble, H. M., 73b.
Trimble, R. E., 10b.
Triolo, V. J., 58a.
Triplett, D., 32a.
Trollope, G. A., 1a.
Troop, J., 24a.
Trost, J. F., 23a.
Troth, E. O., 24a.
Trotter, I. P., 51a.
Trout, C. E., 74b.
Trout, G. M., 42b.
Trowbridge, E. A., 50a.
Trowbridge, K. S., 16b.
Trowbridge, P. F., 68a.
Troy, H. C., 62a.
True, L., 53a.
Trullinger, R. W., II.
Trump, E. G., 43b.
Truog, E., 99b.
Truran, W. E., 41b.
Tucker, C. M., 50a.
Tucker, D. A., 93a.
Tucker, H. H., 59a, 60b.
Tucker, L. R., 20a.
Tucker, R. E., 32a.
Tuckey, S. L., 21a.
Tuckwiller, R. H., 96a.
Tufts, W. P., 8b.
Tukey, H. B., 65b.
Tullis, E. C., 5b.
Tully, W. C., 84b.
Tungeln, G. H. Von, 27a.
Tunnicliff, E. A., 53a.
Turk, K. L., 61b.
Turk, L. M., 44b.
Turlington, J. E., 14b.
Turnbull, E. E., 70b.
Turner, A. A., 15b.
Turner, A. F., 31b.
Turner, C. N., 36a.
Turner, C. W., 50a.
Turner, E., 44a.
Turner, F. E., 88a.
Turner, J. D., 34b.
Turner, L., 16b.
Turner, L. G., 79a.
Turner, L. M., 5b.
Turner, M. E., 28b.
Turner, N., 13a.
Turner, R. G., 85b.
Turner, R. M., 94b.
Turner, V. C., 3b.
Tussing, E. B., 71a.
Tuttle, A. P., 41a.
Twomey, S. J., 22b.
Tyler, A. G., 46a.
Tysdal, H. M., 53a.
Tyson, J., 44b.

Ufer, D., 70b.
Ufford, O. C., 10a.
Ulrey, O., 42b.
Ulrich, C. A., 94a.
Ulrich, H. P., 22b.
Umberger, H. J. C., IV, 30a.
Underhill, G. W., 92b.
Underwood, F. L., 92b.
Underwood, J. K., 86b.
Upp, C. W., 35a.
Upshaw, L. M., 2b.
Upson, F. W., 54a.
Uren, A. W., 51b.
Uyl, D. Den, 24a.

Vail, C. E., 10a.
Vail, G. E., 32a.
Valentine, E. I., 14b.
Valiente, R. R., 80a.
Valleau, W. D., 33a.
Van Alstine, E., 61a.
van Alstyne, L. M., 65b.
Vanatter, P. O., 16a.
VanCamp, J. L., 43b.
Vance, T. F., 28b.
Van Cleef, E., 12b.
Vandecaveye, S. C., 94a.
van der Meulen, P. A., 57a.
Vandervort, J., 79b.
Vandewark, A. M., 11b.
Van Doren, C. A., 20b.
Van Dyke, E. C., 7b.
Van Es., L., 53b.
Van Eseltine, G. P., 66a.
Van Haltern, F., 17a, b.
Van Horn, O. B., Jr., 53a.
Van Landingham, A. H., 96a.
Van Lone, E. E., 23a.
Van Mater, H. L., 57a.
Van Meter, R. A., 41a.
Van Roekel, H., 41b.
Vanselow, A. P., 6b.
Vantine, J. T., Jr., 87a.
Van Vlack, C. H., 27b.
Van Vleet, G., Jr., 95b.
Van Volkenberg, H. L., 81a.
Van Wagenen, A., 64b.
Varney, H. R., 62a.
Varney, V. V., 98b.
Vass, A. F., 100a.
Vaughan, H. L., 8b.
Vaughan, R. E., 99b.
Vaughan, T. L., 83a.
Vaughn, E. C., 33b.
Vawter, L. R., 55b.
Veatch, J. O., 44b.
Vedder, N. M., 79a.
Veihmeyer, F. J., 7b.
Vennes, L. A., 34b.
Venstrom, C., 90a.
Verbeck, R. H., 41b.
Vermilion, U., 95a.
Verner, L., 20a.
Vernon, A. A., 81a.
Vernon, J. J., 92b.
Vernon, W. M., 25b.
Vestal, C. M., 23a.
Vial, J. M., 38a.
Vicente, M. L., 80a.
Vickery, H. B., 13a.
Vierheller, A. F., 39b.
Villamil, F. A., 80b.
Vincent, C. L., 95a.
Vinson, C. G., 51a.
Virtue, B. T., 27b.
Vivian, A., 69a.
Vogel, H. A., 19b.
Vogel, O. A., 94a.
Volkmar, F., 71b.
Vollmer, B. V., 42b.
Volz, E. C., 29a.
Vondell, J. H., 41b.
Von Tungeln, G. H., 27a.
Voorhees, R. K., 15a.
Voorhies, E. C., 7a.
Voorhies, M. J., 35b.
Vorhies, C. T., 4a.
Voris, L., 77b.

Wachter, H. M., 72b.
Waddell, M. E., 96b.
Waddington, D. L., 88b.
Wade, C. I., 93b.
Wade, G. E., 34a.
Wadleigh, C. B., 56b.
Wadleigh, C. H., 58b.
Wadsworth, H. A., 18a.
Wagner, F. A., 32b.
Wagner, R., 80b.
Wahl, H. A., 78a.
Waite, R. H., 39b.
Waite, W. C., 46a.
Wakabayashi, S., 18a.
Wakeland, C., 19b.
Wakeley, R. E., 27a.
Wakeman, A. J., 13a.
Waksman, S. A., 58b.
Walden, B. H., 13a.
Walden, D. C., 12b.
Waldo, G. F., 75b.
Waldron, C. B., 69b.
Waldron, L. R., 68a.
Walford, S. M., 25a.
Walker, A. L., 81a.
Walker, C., 76a.
Walker, Mrs. D. D., 83a.
Walker, E. A., 84a.
Walker, E. H., 2b.
Walker, G. P., 22b.
Walker, H. B., 7a.
Walker, H. G., 93b.
Walker, H. M., 94b.
Walker, J. C., 99b.
Walker, L. S., 91a.
Walker, M. N., 15a.
Walker, R. H., 28a.
Walker, W. H., 87b.
Walker, W. P., 38b.
Walkey, F. L., 25b.
Wall, D., 74b.
Wallace, B. A., 70a.
Wallace, D. B. Johnstone-, 61a.
Wallace, E. T., 23b.
Wallace, H. F., 49b.
Wallace, H. M., Jr., 74a.
Wallace, J. J., 27a.
Wallace, M. E., 92b.
Wallace, R. H., 11b.
Wallace, R. W., 83b.
Wallace, W. J. L., 97b.
Waller, A. E., 69b.
Waller, A. G., 57b, 59a.
Waller, C. H., 89b.
Waller, E. F., 29b.
Waller, J. A., Jr., 92b.
Wallis, G. C., 84a.
Wallrabenstein, P. P., 72a.
Walls, E. E., 22b.
Walls, E. P., 38b.
Walls, J. G., 86a.
Walpole, B. A., 42b.
Walsh, F. E., 29b.
Walsh, W. F., 65a.
Walster, H. L., 68a.
Walt, G. E., 10a.
Walter, D. H., 78b.
Walter, E. J., 77a.
Walter, L. E., 100b.
Walters, J. C., 17b.
Waltman, C. S., 34a.
Walton, T. O., IV, 86a.
Wanlass, W. L., 90a.
Wann, F. B., 90a.
Wanser, H. M., 95b.
Ward, G. H., 92b.
Ward, G. J., 22b.
Ward, J. W., 49b.
Ward, W. B., 24b.
Ward, W. G., 31a.
Wardall, R. A., 22a.
Ware, B. M., 3b.
Ware, G. W., 5b.

Ware, H. G., 74b.
Ware, J. O., 4a.
Ware, L. M., 2a.
Ware, R. E., 83b.
Warfel, H. E., 40b.
Waring, Mrs. E. B., 63b.
Waring, J. H., 37b.
Wark, A. C., 59a.
Warner, D. E., Jr., 12b.
Warner, E. N., 71b.
Warner, J. D., 15b.
Warner, Mrs. L. A., 86a.
Warren, D. C., 32b.
Warren, G. F., 62a.
Warren, R. M., 42a.
Warren, S. W., 62a.
Warren, T. R., 19a.
Wartman, C. J., 93b.
Warttman, P., 48a.
Warwick, B. L., 87a.
Wascher, H., 20b.
Washburn, R. G., 72a.
Washington, Mrs. E., 18b.
Washington, W. H., 82b.
Wasson, R. A., 35a.
Watenpaugh, H. N., 3a.
Waterhouse, W. G., 8a.
Waterman, H. C., II.
Waters, E. M., 62b.
Waters, N. F., 25b.
Waters, R. E., 48b.
Watkins, C. W., 54b.
Watkins, D. W., 82a, b.
Watkins, J. V., 15a.
Watkins, W. E., 60a.
Watkins, W. F., 28a.
Watson, H., 89b.
Watson, J. B., 5a.
Watson, J. R., 14b.
Watson, T. G., 69a.
Watt, A. L., 68b.
Watts, J. G., 83b.
Watts, R. L., 77a.
Watts, V. M., 5b.
Waugh, A., 28b.
Waugh, A. E., 12a.
Waugh, F. A., 41a.
Waughtal, L., 51b.
Weakley, C. E., Jr., 96a.
Weakley, L., 86b.
Weakly, H. E., 55b.
Weathers, E. K., 85a.
Weaver, B. L., 22b.
Weaver, D. S., 66a.
Weaver, E., 73b.
Weaver, F. P., 78a.
Weaver, G. S., 84b.
Weaver, J. E., 53b.
Weaver, J. G., 67a.
Weaver, L. A., 50a.
Weaver, L. E., 64b.
Weaver, R., 26b.
Weaver, R. A., 23a.
Weaver, V. H., 22b.
Weaver, W. E., 72b.
Webb, E. G., 44a.
Webb, R. B., 77b.
Webber, H. J., 8b.
Weber, A. D., 30a.
Weber, A. L., 59b.
Weber, G. F., 15b.
Webster, C. B., 88a.
Webster, J. E., 73b.
Webster, R. L., 95b.
Weckel, K. G., 98a.
Weddell, D. J., 2a.
Weeks, D., 7a.
Weems, C., 18b.
Wegner, E. E., 95b.
Wehrle, L. P., 4a.
Wehrwein, C. F., 98b.
Wehrwein, G. S., 98b.
Weidemann, A. G., 44b.
Weidenbach, W. H., 2b.
Weier, T. E., 76a.
Weinard, F. F., 22b.
Weinke, O. A., 87b.
Weir, T. S., 48a.
Weir, W. W., 6a.
Weirether, F. J., 11b.
Weiser, V. L., 91a.
Weisner, O. J., 84b.
Welch, D. S., 64b.
Welch, E. G., 33b.
Welch, H., 53a.
Welch, R. R., 78a.
Weldin, J. C., 81a.
Weldon, M. D., 53a.
Weldon, M. M., 33b.
Weller, M., 47a.
Welles, W. S., 40b.
Wellhouse, W. H., 30a.
Wellington, J. W., II.
Wellington, R., 65b.
Wellman, H. R., 7a.
Wells, B. W., 66b.
Wells, E. B., 30a.
Wells, J. G., Jr., 43a, 45b.
Welsh, Mrs. C. P., 39a.
Welsh, M. F., 38a.
Welton, F. A., 71b.
Wenner, G. F., 43a.
Wentworth, S. W., 39b.
Wentz, J. B., 28a.
Werkman, C. H., 26a.
Werner, H. O., 55a.
Wertman, Z. D., 44a.
Wertz, V. R., 70a.
Wessel, A., 46b.
Wessels, P. H., 64a.
West, Mrs. B. B., 31b.
West, E., 15b.
West, E. M., 35a.
West, F. L., 90b.
West, R. B., 90a.
Westbrook, E. C., 16a.
Westbrook, R. B., 84a.
Westcott, G. W., 40a.
Wester, K., 26b.
Westervelt, H., 70b.
Westgate, J. M., II, 18a.
Westgate, M. E., 79a.
Westgate, W. A., 56b.
Westney, Mrs. F. H., 39a.
Westover, K. C., 97a.
Westveld, R. H., 43b.
Whaley, G. C., 81b.
Wharton, A. E., 88b.
Wharton, M. F., 4a.
Wheeler, E. J., 43a.
Wheeler, J. T., 16a.
Wheeler, R. H., 63a.
Wheeler, S. S., 100a.
Wheeting, L. C., 94a.
Whelan, D. B., 54b.
Whetten, N. L., 12b.
Whetzel, H. H., 64b.
Whigham, J. G., 17b.
Whipple, B. K., 51a.
Whisenhunt, W. M., 67b.
Whitacre, J., 88a.
Whitaker, L. M., 24a.
Whitchurch, L., 74b.
Whitcomb, W., Jr., 36b.
Whitcomb, W. D., 40b.
Whitcomb, W. O., 53b.
White, A., 39b.
White, A. E., 74b.
White, C. H., 37a.
White, E. A., 64a.
White, E. D., 5a.
White, E. H., 48a.
White, G. C., 11b.
White, H. A., 82b.
White, H. B., 46a.
White, H. E., 41a.
White, H. H., 75b.
White, J. W., 77a.
White, M. E., 94b.
White, R. P., 58b, 59b.
White, T. H., 39b.
White, V. E., 11a.
White, W. E. (Pa.), 79a.
White, W. E. (Tex.), 88a.
White, W. R., 78b.
Whiteford, G. H., 10a.
Whitehead, F. E., 74a.
Whitehead, L. C., 88a.
Whitehouse, J. W., 33b.
Whitfield, E. E., 47a.
Whitfield, W. R., 26a.
Whitford, L. A., 66b.
Whitlock, M. C., 22b.
Whitlock, S. C., 29b.
Whitmar, G. I., 47b.
Whitnah, C. H., 30b.
Whitney, R. C., 54a.
Whitson, A. R., 99b.
Whittaker, M. E., 44a.
Whittaker, M. F., 83a.
Whittemore, M., 81a, b.
Wiancko, A. T., 22a.
Wiant, D. E., 84a.
Wichers, H. E., 32a.
Wicker, H. E., 29b.
Wickes, H. G., 88a.
Wiebe, G. A., 6a.
Wiegand, E. H., 75b.
Wiegand, K. M., 61b.
Wiesehuegel, E. G., 71a, 72b.
Wiggans, C. B., 5b.
Wiggans, C. C., 55a.
Wiggans, R. G. 64b.
Wiggin, G. H., 34b.
Wiggins, M. C., 32a.
Wightman, E. T., 96a.
Wiidakas, W., 68a.
Wilbur, D. A., 31b.
Wilbur, J. W., 23b.
Wilcke, H. L., 26a.
Wilcox, A. N., 47a.
Wilcox, F. R., 7a.
Wilcox, G. B., 87b.
Wilcox, R. H., 21b.
Wild, C. W., 79b.
Wilde, E. I., 79b.
Wilde, M. H., 59b.
Wilde, S. A., 99b.
Wilder, C. N., 16a.
Wilder, O. H. M., 72a.
Wilder, S. Z., 84b.
Wildon, C. E., 44a.
Wileden, A. F., 99b.
Wileman, R. H., 23b.
Wiley, J. R., 23a.
Wiley, R. C., 38b.
Wilford, E. J., 33a.
Wilgus, H. S., Jr., 64b.
Wilkins, A. E., 54b.
Wilkins, F. S., 28a.
Wilkins, W. W., 83b.
Wilkinson, A. E., 12b.
Wilkinson, J. A., 26b.
Will, R. R., 60b.
Willard, A. C., 20a.
Willard, C. J., 69a, 71b.
Willard, D. R., 81a.
Willard, H. S., 100a.
Willard, J. T., 30b.
Willard, R. E., 94b.
Willeford, S., 2b.
Willey, H. F., 18b.
Williams, A. V., 7a.
Williams, B. O., 82b.
Williams, C. B., 66a.
Williams, C. F., 67a.
Williams, C. G., 71a.
Williams, C. V., 31a.
Williams, D. W., 87a.
Williams, G. A., 23b.
Williams, I., 85b.
Williams, J., 32a.
Williams, Mrs. J. C., 76b.
Williams, J. K., 20b.
Williams, L. C., 32a.
Williams, L. F., 66b.
Williams, N. W., 67b.
Williams, P. S., 78a.
Williams, S. W., 91a.
Williams, W. B., 3b.
Williamson, Mrs. C. M., 67b.
Williamson, D. D., 56b.
Williamson, H. H., 88a.
Williamson, J. T., 1a.
Williamson, Mrs. L. J., 64a.
Williamson, M., 10b.
Williamson, P. S., 62a.
Williamson, R. Y., 42b.
Willis, A. W., 100a.
Willis, F. L., 23a.
Willis, L. G., 66a.
Willis, R. L., 59a.
Willison, F. E., 73a.
Williston, D. A., 3b.
Willits, C. O., 65a.
Willman, H. A., 61b.
Willman, J. P., 61b.
Willmarth, A. B., 91a.
Willoughby, C. H., 14a.
Willoughby, L. E., 30a.
Willoughby, M. E., 24b.
Wills, J. E., 21b.
Willson, C. A., 85a.
Willson, E. A., 68b.
Willson, L. H., 29b.
Wilmore, J. J., 1a.
Wilsie, C. P., 18a.
Wilson, A. J., 66b.
Wilson, A. L., 90b.
Wilson, B. D., 61a.
Wilson, C. E., 71a.
Wilson, C. P., 60a, b.
Wilson, C. V., 96a.
Wilson, E. E., 9a.
Wilson, E. J., 88a.
Wilson, F. W., 55a.
Wilson, H. A. (La.), 36b.
Wilson, H. A. (Mass.), 41b.
Wilson, H. F., 98b.
Wilson, H. K., 45a.
Wilson, I. D., 93a.
Wilson, J. B., 1b.
Wilson, J. D., 72a.
Wilson, J. F., 6b.
Wilson, J. J., 26a.
Wilson, J. K., 61a.
Wilson, J. P., 2b.
Wilson, J. W. (Fla.), 14b.
Wilson, J. W. (S. Dak.), 83a, 84a.
Wilson, L. M., 29a.
Wilson, M. L., 52a.
Wilson, M. M., 76b.
Wilson, N. W., 2a.
Wilson, P. W., 98a.
Wilson, W. C., 33b.
Wilson, W. T., 5a.
Wilster, G. H., 75a.
Wimer, D. C., 20b.
Winant, H. B., 38a.
Winchester, G., 58b.
Wing, E. M., 10a.
Wingard, S. A., 92a.
Winkler, A. J., 9a.
Winkler, C. H., 87b.
Winsor, A. L., 62b.
Winsor, H. W., 14a.
Winter, A. R., 71a.
Winter, J. B., 47a.
Winter, O. B., 42a.
Winterberg, S. H., 58b.
Winterkorn, H. F., 51b.
Winters, E., Jr., 20b.
Winters, E. S., 2b.
Winters, J. S., 7b.
Winters, L. M., 45a.
Winters, N. E., 73a.
Winters, R. Y., 66a.
Winton, B., 51b.
Wiseman, C. R., 84a.
Wiswall, C. H., 19b.
Withrow, R. B., 24b.
Witter, J. F., 36a.
Witzel, S. A., 98b.

TITLES AND SERIES OF PUBLICATION SINCE THE FIRST ISSUE IN 1889

Organization of the Agricultural Experiment Stations in the United States. 1889. (Published as U. S. Dept. Agr., Off. Expt. Stas. Bull. 1.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bull. 5.)

Organization Lists of the Agricultural Experiment Stations in the United States. 1891. (U. S. Dept. Agr. Off. Expt. Stas. Circ. 20.)

Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges, 892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Bulls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Bulls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr. Off. Expt. Stas. Bulls. 59, 74, 88, 111.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States. 1903 to 1912, inclusive. (U. S. Dept. Agr., Off. Expt. Stas. Bulls. 122, 137, 151, 161, 176, 197, 206, 224, 233, 247, 253.)

Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.

1915. Corrected to August 1, 1915.

1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.

1918–19 ["Marketing" added to title for this issue only].

1919–20. Not published.

1920–21.

1921–22.

1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).

1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations." 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.

1926–27. Misc. Circ. 87.

1927–28. Misc. Pub. 12.

1928–29. Misc. Pub. 43.

1929–30. Misc. Pub. 67.

1930–31. Misc. Pub. 100.

1931–32. Misc. Pub. 134.

1932–33. Misc. Pub. 154.

1933–34. Misc. Pub. 180.

1934–35. Misc. Pub. 214.